

## Introduction To Tableau Desktop

Build, design, and improve advanced business intelligence solutions using Tableau's latest features, including Tableau Prep Builder, Tableau Hyper, and Tableau Server Key FeaturesMaster new features in Tableau 2021 to solve real-world analytics challengesPerform geo-spatial, time series, and self-service analytics using real-life examplesBuild and publish dashboards and explore storytelling using Python and R integration supportBook Description Tableau is one of the leading business intelligence (BI) tools that can help you solve data analysis challenges. With this book, you will master Tableau's features and offerings in various paradigms of the BI domain. Updated with fresh topics including Quick Level of Detail expressions, the newest Tableau Server features, Einstein Discovery, and more, this book covers essential Tableau concepts and advanced functionalities. Leveraging Tableau Hyper files and using Prep Builder, you'll be able to perform data preparation and handling easily. You'll gear up to perform complex joins, spatial joins, unions, and data blending tasks using practical examples. Next, you'll learn how to execute data densification and further explore expert-level examples to help you with calculations, mapping, and visual design using Tableau extensions. You'll also learn about improving dashboard performance, connecting to Tableau Server and understanding data visualization with examples. Finally, you'll cover advanced use cases such as self-service analysis, time series analysis, and geo-spatial analysis, and connect Tableau to Python and R to implement programming functionalities within it. By the end of this Tableau book, you'll have mastered the advanced offerings of Tableau 2021 and be able to tackle common and advanced challenges in the BI domain. What you will learnGet up to speed with various Tableau componentsMaster data preparation techniques using Tableau Prep BuilderDiscover how to use Tableau to create a PowerPoint-like presentationUnderstand different Tableau visualization techniques and dashboard designsInteract with the Tableau server to understand its architecture and functionalitiesStudy advanced visualizations and dashboard creation techniquesBrush up on powerful self-service analytics, time series analytics, and geo-spatial analyticsWho this book is for This book is designed for business analysts, business intelligence professionals and data analysts who want to master Tableau to solve a range of data science and business intelligence problems. The book is ideal if you have a good understanding of Tableau and want to take your skills to the next level.

Leverage the power of Tableau 2019.1 's new features to create impactful data visualization Key Features Get up and running with the newly released features of Tableau 2019.1 Create enterprise-grade dashboard and reports to communicate your insights effectively Begin your Tableau journey by understanding its core functionalities Book Description Tableau is one of the leading data visualization tools and is regularly updated with new functionalities and features. The latest release, Tableau 2019.1, promises new and advanced features related to visual analytics, reporting, dashboarding, and a host of other data visualization aspects. Getting Started with Tableau 2019.1 will get you up to speed with these additional functionalities. The book starts by highlighting the new functionalities of Tableau 2019.1, providing concrete examples of how to use them. However, if you're new to Tableau, don ' t worry – you ' ll be guided through the major aspects of Tableau with relevant examples. You'll learn how to connect to data, build a data source, visualize your data, build a dashboard, and even share data online. In the concluding chapters, you'll delve into advanced techniques such as creating a cross-database join and data blending. By the end of this book, you will be able to use Tableau effectively to create quick, cost-effective, and business-efficient Business Intelligence (BI) solutions. What you will learn Discover new functionalities such as ' Ask Data ', the new way to interact with your data using natural language Connect tables and make transformations such as pivoting the field and splitting columns Build an efficient data source for analysis Design insightful data visualization using different mark types and properties Develop powerful dashboards and stories Share your work and interact with Tableau Server Use Tableau to explore your data and find new insights Explore Tableau's advanced features and gear up for upcoming challenges Who this book is for Existing Tableau users and BI professionals who want to get up to speed with what's new in Tableau 2019 will find this beginner-level book to be a very useful resource. Some experience of Tableau is assumed, however, the book also features introductory concepts, which even beginners can take advantage of.

For self-service data preparation, Tableau Prep is relatively easy to use—as long as you know how to clean and organize your datasets. Carl Allchin, from The Information Lab in London, gets you up to speed on Tableau Prep through a series of practical lessons that include methods for preparing, cleaning, automating, organizing, and outputting your datasets. Based on Allchin ' s popular blog, Preppin ' Data, this practical guide takes you step-by-step through Tableau Prep ' s fundamentals. Self-service data preparation reduces the time it takes to complete data projects and improves the quality of your analyses. Discover how Tableau Prep helps you access your data and turn it into valuable information. Know what to look for when you prepare data Learn which Tableau Prep functions to use when working with data fields Analyze the shape and profile of your dataset Output data for analysis and learn how Tableau Prep automates your workflow Learn how to clean your dataset using Tableau Prep functions Explore ways to use Tableau Prep techniques in real-world scenarios Make your data available to others by managing and documenting the output

Now in its 6th edition with version 9.0, my goals remain the same - to write this document through the eyes of the average and advanced users. Early on the average Tableau user can be overwhelmed by the array of features and functions that repeatedly use menus or right-click options to yet another set of choices. This manual is intended for new users who range from days to a few months. It was not written for those who seek Tableau Certification(s) or highly advanced users. It does contain some lessons that introduce advanced material to enable the user to "e:see"e: what the future can be with Tableau. The manual begins at a level geared to the average user and is written in simple language unaffected by a need to promote extraneous features.I believe (and our customers tell me) that this manual provides the best examples and descriptions in a step-by-step process that is the most efficient way to learn about Tableau. An array of Tableau Packaged Workbooks (software examples) complements the written word in the manual. These Workbooks present the end result of following the lessons step by step.

A Practical Guide to the Tableau Data Prep Tool

Pro Tableau

Implement advanced business intelligence techniques and analytics with Tableau

Tableau Your Data!

Tableau Cookbook – Recipes for Data Visualization

Tableau Prep: Up & Running

*Leverage the power of visualization in business intelligence and data science to make quicker and better decisions. Use statistics and data mining to make compelling and interactive dashboards. This book will help those familiar with Tableau software chart their journey to being a visualization expert. Pro Tableau demonstrates the power of visual analytics and teaches you how to: Connect to various data sources such as spreadsheets, text files, relational databases (Microsoft SQL Server, MySQL, etc.), non-relational databases (NoSQL such as MongoDB, Cassandra), R data files, etc. Write your own custom SQL, etc. Perform statistical analysis in Tableau using R Use a multitude of charts (pie, bar, stacked bar, line, scatter plots, dual axis, histograms, heat maps, tree maps, highlight tables, box and whisker, etc.) What you'll learn Connect to various data sources such as relational databases (Microsoft SQL Server, MySQL), non-relational databases (NoSQL such as MongoDB, Cassandra), write your own custom SQL, join and blend data sources, etc. Leverage table calculations (moving average, year over year growth, LOD (Level of Detail), etc. Integrate Tableau with R Tell a compelling story with data by creating highly interactive dashboards Who this book is for All levels of IT professionals, from executives responsible for determining IT strategies to systems administrators, to data analysts, to decision makers responsible for driving strategic initiatives, etc. The book will help those familiar with Tableau software chart their journey to a visualization expert.*

Tableau Desktop Cookbook"O'Reilly Media, Inc."

*Tableau 10 provides more power to the developer and business user in the world of Data Analytics. This book covers Tableau 10 concepts in an easy-to-understand manner. It provides ample exercises. Sample workbooks are available on Tableau public for download. Dataset and workbooks can also be downloaded from LearnTableauPublic.com. Visit Book resource tab on the main navigation. New in this book: 1. Sample workbooks available on Tableau public 2. Tableau concepts as per version 10.1 3.Types of Files in Tableau 4.Analytics pane 5.Explanation of Discrete and Continuous concept 6.How dates work in Tableau 7.Nested Sort 8.New chapter on Formatting 9.New visualizations/Charts 10.Creating custom color palettes 11.Creating custom territories in Maps 12.New Chapter on Server Deployment New in Tableau 10 Desktop 1.Enhanced look and feel of Tableau desktop. 2.Cross-table joins. See Chapter 2-Connecting to data source. 3.Clustering. See Chapter 11 - Visualization. 4.Building custom territory in Maps. See Chapter 10.Creating Maps. 5.New highlighter feature. See Chapter 9 - Formatting. 6.Device preview for dashboards. See Chapter 12 - Dashboards and Visual Story. Who needs this book? This book provides all the Tableau concepts according to Tableau version 10. It also contains overview of deploying objects on the server. This book is good for anyone starting career in Tableau. The book starts with basic data-warehousing concepts and covers all the concepts in-depth. This book is also useful for experienced Tableau developers who want to explore additional charts and functionalities. This book should work as a guide and encouragement for further exploration. Get data and Sample Workbooks The book comes with 20+ sample workbooks. All workbooks are present on Tableau Public. See the link at the beginning of the exercises. Sample workbooks and data files can also be downloaded from http://www.learntableaupublic.com/. Look for the Book Resource tab on the main navigation.*

*This book will guide you from the basic functionality of Tableau 2019.x to complex deployment. It is full of useful recipes from industry experts, who will help you master your Tableau skills. The complexity of tasks increase gradually, all the way to mastering advanced functionality through bite-sized, detailed recipes.*

*Create effective data visualizations, build interactive visual analytics, and transform your organization, 4th Edition*

*Effective data visualization and business intelligence with the new features of Tableau 2019.2, 2nd Edition*

*Getting Started with Tableau 2019.2*

*Over 115 recipes to build end-to-end analytical solutions using Tableau*

*A Step-by-Step Guide*

*Learn Tableau in 24 Hours*

**The definitive reference book with real-world solutions you won't find anywhere else** The Big Book of Dashboards presents a comprehensive reference for those tasked with building or overseeing the development of business dashboards. Comprising dozens of examples that address different industries and departments (healthcare, transportation, finance, human resources, marketing, customer service, sports, etc.) and different platforms (print, desktop, tablet, smartphone, and conference room display) The Big Book of Dashboards is the only book that matches great dashboards with real-world business scenarios. By organizing the book based on these scenarios and offering practical and effective visualization examples, The Big Book of Dashboards will be the trusted resource that you open when you need to build an effective business dashboard. In addition to the scenarios there's an entire section of the book that is devoted to addressing many practical and psychological factors you will encounter in your work. It's great to have theory and evidenced-based research at your disposal, but what will you do when somebody asks you to make your dashboard 'cooler' by adding packed bubbles and donut charts? The expert authors have a combined 30-plus years of hands-on experience helping people in hundreds of organizations build effective visualizations. They have fought many 'best practices' battles and having endured bring an uncommon empathy to help you, the reader of this book, survive and thrive in the data visualization world. A well-designed dashboard can point out risks, opportunities, and more; but common challenges and misconceptions can make your dashboard useless at best, and misleading at worst. The Big Book of Dashboards gives you the tools, guidance, and models you need to produce great dashboards that inform, enlighten, and engage.

Learn how to create powerful data visualizations easily and quickly. You will develop reports and queries, and perform data analysis. Jumpstart Tableau covers the basic reporting and analysis functions that most BI users perform in their day-to-day work. These include connecting to a data source, working with dimensions and measures, developing reports and charts, saving workbooks, filtering, swapping, sorting, formatting, grouping, creating hierarchies, forecasting, exporting, distributing, as well developing various chart types. Each exercise in Jumpstart Tableau provides screenshots that cover every step from start to finish. The exercises are based on a comprehensive sample Excel-based data source that Tableau Software (version 9) has provided, which makes it very easy to duplicate the exercises on the real software. This book teaches you to: Execute each function in a step-by-step manner Work up to more advanced and complex Tableau functionality Integrate individual development of content, such as tables/charts and visualizations., onto a dashboard for an effective presentation What You'll Learn Connect to data sources Develop reports Create visualizations Perform analysis functions (e.g., filtering, drilldown, sorting, grouping, forecasting, etc.) Save visualizations in different formats and distribute them Develop dashboards and their content Who This Book Is For Novice Tableau users, BI end users, as well as developers and business analysts. Also, students in university courses on dashboards and data visualization as well as BI and data analysis can quickly get up to speed with Tableau tools and use them for implementing the hands-on projects associated with these courses. "/div> div

If you want to understand your data using data visualization and don't know where to start, then this is the book for you. Whether you are a beginner or have years of experience, this book will help you to quickly acquire the skills and techniques used to discover, analyze, and communicate data visually. Some familiarity with databases and data structures is helpful, but not required.

Learn how to bring your data to life with this hands-on guide to visual analytics with Tableau Key FeaturesMaster the fundamentals of Tableau Desktop and Tableau PrepLearn how to explore, analyze, and present data to provide business insightsBuild your experience and confidence with hands-on exercises and activitiesBook Description Learning Tableau has never been easier, thanks to this practical introduction to storytelling with data. The Tableau Workshop breaks down the analytical process into five steps: data preparation, data exploration, data analysis, interactivity, and distribution of dashboards. Each stage is addressed with a clear walkthrough of the key tools and techniques you'll need, as well as engaging real-world examples, meaningful data, and practical exercises to give you valuable hands-on experience. As you work through the book, you'll learn Tableau step by step, studying how to clean, shape, and combine data, as well as how to choose the most suitable charts for any given scenario. You'll load data from various sources and formats, perform data engineering to create new data that delivers deeper insights, and create interactive dashboards that engage end-users. All concepts are introduced with clear, simple explanations and demonstrated through realistic example scenarios. You'll simulate real-world data science projects with use cases such as traffic violations, urban populations, coffee store sales, and air travel delays. By the end of this Tableau book, you'll have the skills and knowledge to confidently present analytical results and make data-driven decisions. What you will learnBecome an effective user of Tableau Prep and Tableau DesktopLoad, combine, and process data for analysis and visualizationUnderstand different types of charts and when to use themPerform calculations to engineer new data and unlock hidden insightsAdd interactivity to your visualizations to make them more engagingCreate holistic dashboards that are detailed and user-friendlyWho this book is for This book is for anyone who wants to get started on visual analytics with Tableau. If you're new to Tableau, this Workshop will get you up and running. If you already have some experience in Tableau, this book will help fill in any gaps, consolidate your understanding, and give you extra practice of key tools.

Step by Step Guide to Developing Visualizations in Tableau 10

Visualizing Your Data Using Real-World Business Scenarios

Mastering Tableau 2021

Fast and Easy Visual Analysis with Tableau Software

Tableau For Dummies

Develop your Tableau skills and prepare for Tableau certification with tips from industry experts

Illustrate your data in a more interactive way by implementing data visualization principles and creating visual stories using Tableau About This Book Use data visualization principles to help you to design dashboards that enlighten and support business decisions Integrate your data to provide mashed-up dashboards Connect to various data sources and understand what data is appropriate for Tableau Public Understand chart types and when to use specific chart types with different types of data Who This Book Is For Data scientists who have just started using Tableau and want to build on the skills using practical examples. Familiarity with previous versions of Tableau will be helpful, but not necessary. What You Will Learn Customize your designs to meet the needs of your business using Tableau Use Tableau to prototype, develop, and deploy the final dashboard Create filled maps and use any shape file Discover features of Tableau Public, from basic to advanced Build geographic maps to bring context to data Create filters and actions to allow greater interactivity to Tableau Public visualizations and dashboards Publish and embed Tableau visualizations and dashboards in articles in Detail With increasing interest for data visualization in the media, businesses are looking to create effective dashboards that engage as well as communicate the truth of data. Tableau makes data accessible to everyone, and is a great way of sharing enterprise dashboards across the business. Tableau is a revolutionary toolkit that lets you simply and effectively create high-quality data visualizations. This course starts with making you familiar with its features and enable you to develop and enhance your dashboard skills, starting with an overview of what dashboard is, followed by how you can collect data using various mathematical formulas. Next, you'll learn to filter and group data, as well as how to use various functions to present the data in an appealing and accurate way. In the first module, you will learn how to use the key advanced string functions to play with data and images. You will be walked through the various features of Tableau including dual axes, scatterplot matrices, heat maps, and sizing.In the second module, you'll start with getting your data into Tableau, move onto generating progressively complex graphics, and end with the finishing touches and packaging your work for distribution. This module is filled with practical examples to help you create filled maps, use custom markers, add slider selectors, and create dashboards. You will learn how to manipulate data in various ways by applying various filters, logic, and calculating various aggregate measures. Finally, in the third module, you learn about Tableau Public using which allows readers to explore data associations in multiple-sourced public data, and uses state-of-the-art dashboard and chart graphics to immerse the users in an interactive experience. In this module, the readers can quickly gain confidence in understanding and expanding their visualization, creation knowledge, and quickly create interesting, interactive data visualizations to bring a richness and vibrancy to complex articles. The course provides a great overview for beginner to intermediate Tableau users, and covers the creation of data visualizations of varying complexities. Style and approach The approach will be a combined perspective, wherein we start by performing some basic recipes and move on to some advanced ones. Finally, we perform some advanced analytics and create appealing and insightful data stories using Tableau Public in a step-by-step manner.

Data Mining and Analytics provides a broad and interactive overview of a rapidly growing field. The exponentially increasing rate at which data is generated creates a corresponding need for professionals who can effectively handle its storage, analysis, and translation.

Go beyond spreadsheets and tables and design a data presentation that really makes an impact. This practical guide shows you how to use Tableau Software to convert raw data into compelling data visualizations that provide insight or allow viewers to explore the data for themselves. Ideal for analysts, engineers, marketers, journalists, and researchers, this book describes the principles of communicating data and takes you on an in-depth tour of common visualization methods. You'll learn how to craft articulate and creative data visualizations with Tableau Desktop 8.1 and Tableau Public 8.1. Present comparisons of how much and how many Use blended data sources to create ratios and rates Create charts to depict proportions and percentages Visualize measures of mean, median, and mode Lean how to deal with variation and uncertainty Communicate multiple quantities in the same view Show how quantities and events change over time Use maps to communicate positional data Build dashboards to combine several visualizations

Presenting data in a way that a non-analyst can understand it is known as data visualization. With data visualization businesses area able to make informed decisions with a blend of dimensions and colors creating visual masterpieces, revealing business insights that can be real surprising. Data Visualization is a foreseeable characteristic of the analytics of business. Sources of data are being discovered more and more. All levels of business managers are embracing data visualization software's like Tableau and Qlikview, because it allows them to scrutinize existing trends and make quick and effective decisions.

Tableau Desktop Pocket Reference

Learn Tableau in 1 Day

Creating Data Stories with Tableau Public

Modeling, Design and Simulation of Systems

Learning Tableau 2020

Introduction to Data Mining and Analytics

Thousands of enterprises worldwide use Tableau as the solution for their data issues, big and small. With this updated edition, you will develop a firm grip on data visualization using Tableau 2020 and master all of the core features that enable you to explore, prepare, fix, and present data quickly and easily. Make your data work for you! Tableau For Dummies brings order to the chaotic world of data. Understanding your data and organizing it into formats and visualizations that make sense to you are crucial to making a real impact on your business with the information that's already at your fingertips. This easy-to-use reference explores the user interface, and guides you through the process of connecting your data sources to the software. Additionally, this approachable, yet comprehensive text shows you how to use graphs, charts, and other images to bring visual interest to your data, how to create dashboards from multiple data sources, and how to export the visualizations that you have developed into multiple formats that translate into positive change for your business. The mission of Tableau Software is to grant you access to data that, when put into action, will help you build your company. Learning to use the data available to you helps you make informed, grounded business decisions that can spell success for your company. Navigate the user interface to efficiently access the features you need Connect to various spreadsheets, databases, and other data sources to create a multi-dimensional snapshot of your business Develop visualizations with easy to use drag and drop features Start building your data with templates and sample workbooks to spark your creativity and help you organize your information Tableau For Dummies is a step-by-step resource that helps you make sense of the data landscape—and put your data to work in support of your business.

Build, design and improve advanced business intelligence solutions using Tableau's latest features, including Tableau Prep, Tableau Hyper, and Tableau Server Key FeaturesMaster new features in Tableau 2019.1 to solve real-world analytics challengesPerform Geo-Spatial Analytics, Time Series Analysis, and self-service analytics using real-life examplesBuild and publish dashboards and explore storytelling using Python and MATLAB integration supportBook Description Tableau is one of the leading business intelligence (BI) tools used to solve BI and analytics challenges. With this book, you will master Tableau's features and offerings in various paradigms of the BI domain. This book is also the second edition of the popular Mastering Tableau series, with new features, examples, and updated code. The book covers essential Tableau concepts and its advanced functionalities. Using Tableau Hyper and Tableau Prep, you'll be able to handle and prepare data easily. You'll gear up to perform complex joins, spatial joins, union, and data blending tasks using practical examples. Following this, you'll learn how to perform data densification to make displaying granular data easier. Next, you'll explore expert-level examples to help you with advanced calculations, mapping, and visual design using various Tableau extensions. With the help of examples, you'll also learn about improving dashboard performance, connecting Tableau Server, and understanding data visualizations. In the final chapters, you'll cover advanced use cases

such as Self-Service Analytics, Time Series Analytics, and Geo-Spatial Analytics, and learn to connect Tableau to R, Python, and MATLAB. By the end of this book, you'll have mastered the advanced offerings of Tableau and be able to tackle common and not-so-common challenges faced in the BI domain. What you will learnGet up to speed with various Tableau componentsMaster data preparation techniques using Tableau PrepDiscover how to use Tableau to create a PowerPoint-like presentationUnderstand different Tableau visualization techniques and dashboard designsInteract with the Tableau server to understand its architecture and functionalitiesStudy advanced visualizations and dashboard creation techniquesBrush up on powerful Self-Service Analytics, Time Series Analytics, and Geo-Spatial AnalyticsWho this book is for This book is designed for business analysts, BI professionals and data analysts who want to master Tableau to solve a range of data science and business intelligence problems. The book is ideal if you have a good understanding of Tableau and want to take your skills to the next level. Focus on the most important and most often overlooked factor in a successful Tableau project—data. Without a reliable data source, you will not achieve the results you hope for in Tableau. This book does more than teach the mechanics of data preparation. It teaches you: how to look at data in a new way, to recognize the most common issues that hinder analytics, and how to mitigate those factors one by one. Tableau can change the course of business, but the old adage of "garbage in, garbage out" is the hard truth that hides behind every Tableau sales pitch. That amazing sales demo does not work as well with bad data. The unfortunate reality is that almost all data starts out in a less-than-perfect state. Data prep is hard. Traditionally, we were forced into the world of the database where complex ETL (Extract, Transform, Load) operations created by the data team did all the heavy lifting for us. Fortunately, we have moved past those days. With the introduction of the Tableau Data Prep tool you can now handle most of the common Data Prep and cleanup tasks on your own, at your desk, and without the help of the data team. This essential book will guide you through: The layout and important parts of the Tableau Data Prep tool Connecting to data Data quality and consistency The shape of the data. Is the data oriented in columns or rows? How to decide? Why does it matter?What is the level of detail in the source data? Why is that important? Combining source data to bring in more fields and rows Saving the data flow and the results of our data prep work Common cleanup and setup tasks in Tableau Desktop What You Will Learn Recognize data sources that are good candidates for analytics in Tableau Connect to local, server, and cloud-based data sources Profile data to better understand its content and structure Rename fields, adjust data types, group data points, and aggregate numeric data Pivot data Join data from local, server, and cloud-based sources for unified analytics Review the steps and results of each phase of the Data Prep process Output new data sources that can be reviewed in Tableau or any other analytics tool Who This Book Is For Tableau Desktop users who want to: connect to data, profile the data to identify common issues, clean up those issues, join to additional data sources, and save the newly cleaned, joined data so that it can be used more effectively in Tableau

Visual Analytics with Tableau  
Mastering Tableau 2019.1  
Tableau 10 Business Intelligence Cookbook  
A Step-By-Step Guide to Better Data Visualization  
Tableau 2019.x Cookbook

*Whether you have some experience with Tableau software or are just getting started, this manual goes beyond the basics to help you build compelling, interactive data visualization applications. Author Ryan Sleeper, one of the world's most qualified Tableau consultants, complements his web posts and instructional videos with this guide to give you a firm understanding of how to use Tableau to find valuable insights in data. Over five sections, Sleeper—recognized as a Tableau Zen Master, Tableau Public Visualization of the Year author, and Tableau Iron Viz Champion—provides visualization tips, tutorials, and strategies to help you avoid the pitfalls and take your Tableau knowledge to the next level. Practical Tableau sections include: Fundamentals: get started with Tableau from the beginning Chart types: use step-by-step tutorials to build a variety of charts in Tableau Tips and tricks: learn innovative uses of parameters, color theory, how to make your Tableau workbooks run efficiently, and more Framework: explore the INSIGHT framework, a proprietary process for building Tableau dashboards Storytelling: learn tangible tactics for storytelling with data, including specific and actionable tips you can implement immediately*  
*Create powerful data visualizations and unlock intelligent business insights with Tableau Key FeaturesExplore all the latest Tableau 2019 features and redefine business analytics for your organizationCreate impressive data visualizations and interactive dashboards to get insights from your dataLearn effective data storytelling to transform how your business leverages data and makes decisionsBook Description Tableau is the gold standard of business intelligence and visual analytics tools in every industry. It enables rapid data visualization and interpretation with charts, graphs, dashboards, and much more. Updated with the latest features of Tableau, this book takes you from the foundations of the Tableau 2019 paradigm through to advanced topics. This third edition of the bestselling guide by Tableau Zen Master, Joshua Milligan, will help you come to grips with updated features, such as set actions and transparent views. Beginning with installation, you'll create your first visualizations with Tableau and then explore practical examples and advanced techniques. You'll create bar charts, tree maps, scatterplots, time series, and a variety of other visualizations. Next, you'll discover techniques to overcome challenges presented by data structure and quality and engage in effective data storytelling and decision making with business critical information. Finally, you'll be introduced to Tableau Prep, and learn how to use it to integrate and shape data for analysis. By the end of this book, you will be equipped to leverage the powerful features of Tableau 2019 for decision making. What you will learnDevelop stunning visualizations that explain complexity with clarityExplore the exciting new features of Tableau Desktop and Tableau PrepConnect to various data sources to bring all your data togetherUncover techniques to prep and structure your data for easy analysisCreate and use calculations to solve problems and enrich analyticsMaster advanced topics such as sets, LOD calcs, and much moreEnable smart decisions with clustering, distribution, and forecastingShare your data stories to build a culture of trust and actionWho this book is for This Tableau book is for anyone who wants to understand data. If you're new to Tableau, don't worry. This book builds on the foundations to help you understand how Tableau really works and then builds on that knowledge with practical examples before moving on to advanced techniques. Working experience with databases will be useful but is not necessary to get the most out of this book.*

*This two-volume set CCIS 751 and CCIS 752 constitutes the proceedings of the 17th Asia Simulation Conference, AsiaSim 2017, held in Malacca, Malaysia, in August/September 2017. The 124 revised full papers presented in this two-volume set were carefully reviewed and selected from 267 submissions. The papers contained in these proceedings address challenging issues in modeling and simulation in various fields such as embedded systems; symbiotic simulation; agent-based simulation; parallel and distributed simulation; high performance computing; biomedical engineering; big data; energy, society and economics; medical processes; simulation language and software; visualization; virtual reality; modeling and Simulation for IoT; machine learning; as well as the fundamentals and applications of computing. Best practices and step-by-step instructions for using the Tableau Software toolset Although the Tableau Desktop interface is relatively intuitive, this book goes beyond the simple mechanics of the interface to show best practices for creating effective visualizations for specific business intelligence objectives. It illustrates little-known features and techniques for getting the most from the Tableau toolset, supporting the needs of the business analysts who use the product as well as the data and IT managers who support it. This comprehensive guide covers the core feature set for data analytics, illustrating best practices for creating and sharing specific types of dynamic data visualizations. Featuring a helpful full-color layout, the book covers analyzing data with Tableau Desktop, sharing information with Tableau Server, understanding Tableau functions and calculations, and Use Cases for Tableau Software. Includes little-known, as well as more advanced features and techniques, using detailed, real-world case studies that the author has developed as part of his consulting and training practice Explains why and how Tableau differs from traditional business information analysis tools Shows you how to deploy dashboards and visualizations throughout the enterprise Provides a detailed reference resource that is aimed at users of all skill levels Depicts ways to leverage Tableau across the value chain in the enterprise through case studies that target common business requirements Endorsed by Tableau Software Tableau Your Data shows you how to build dynamic, best-of-breed visualizations using the Tableau Software toolset.*

Tableau Desktop Cookbook  
Tableau Desktop Certified Associate: Exam Guide  
Communicating Data with Tableau

17th Asia Simulation Conference, AsiaSim 2017, Melaka, Malaysia, August 27 – 29, 2017, Proceedings, Part II  
The Big Book of Dashboards

Getting Started with Tableau 2018.x

A four-color journey through a complete Tableau visualization Tableau is a popular data visualization tool that's easy for individual desktop use as well as enterprise. Used by financial analysts, marketers, statisticians, business and sales leadership, and many other job roles to present data visually for easy understanding, it's no surprise that Tableau is an essential tool in our data-driven economy. Visual Analytics with Tableau is a complete journey in Tableau visualization for a non-technical business user. You can start from zero, connect your first data, and get right into creating and publishing awesome visualizations and insightful dashboards. • Learn the different types of charts you can create • Use aggregation, calculated fields, and parameters • Create insightful maps • Share interactive dashboards Geared toward beginners looking to get their feet wet with Tableau, this book makes it easy and approachable to get started right away.

The roles of corporate and public stewards and the nature of their social contract with society have been changing over the past two centuries, and those changes have accelerated in recent decades. Moreover, with increasing focus on sustainability factors from the marketplace (regulators, investors, financiers, and consumers), corporate sustainability disclosure is shifting from voluntary to vital. Corporate and public stewards are now responsible for their performance and services from cradle-to-grave: they must properly manage corporate social responsibility and integrate it into their global strategies, rather than consider it as merely a moral obligation or a risk/reputation management exercise. Sustainability analytics, the critical link between sustainability and business strategy, helps professionals track, trend, and transform sustainability information into actionable insights across the value chain and life cycle, to enhance their sustainability performance and its disclosure. This book, Introduction to Sustainability Analytics, provides corporate and public stewards with a comprehensive understanding of how to determine which sustainability metrics are material to them and relevant to their business, and how to incorporate them into corporate strategy, resource allocation, and prioritization. Focusing on practical decision-making needs, it explains how to value and prioritize initiatives, and how to best allocate necessary resources through several real case studies and practical examples. Features: Examines pressing issues such as climate change, water scarcity, and environmental justice Explains how to develop a business case and global strategy for social responsibility Includes both corporate and public policy perspectives on sustainability economics Covers emerging regulations on sustainability disclosure and responsible investing

Leverage the power of Tableau to get actionable business insights and make better business decisions Key FeaturesExplore all the new features of Tableau 2018.xBegin your Tableau journey by understanding its core functionalitiesApply advanced techniques such as data blending and parameters to make the best of TableauBook Description Tableau is one of the leading business intelligence tools used worldwide, in organizations of every scale. In its latest release, Tableau 2018 promises richer and more useful features related to visual analytics, reporting, dashboarding, and a host of other data visualization aspects. Getting Started with Tableau 2018.x will get you up and running with these features. The book starts with all the new functionalities of the different Tableau 2018 versions, along with concrete examples of how to use them. However, if you're new to Tableau, don't worry! The rest of the book will guide you through each major aspect of Tableau with examples. You'll learn how to connect to data, build a data source, visualize your data, build a dashboard, and share it online. In the final chapters, you'll also learn advanced techniques such as creating a cross-database join, data blending, and more. By the end of the book, you will have a firm understanding of how to effectively use Tableau to create quick, cost-effective, and business-efficient business intelligence solutions. What you will learnDiscover new functionalities such as density, extensions, and transparency introduced in Tableau 2018.xConnect tables and make transformations such as pivoting the field and splitting columnsBuild an efficient data source for your analysisDesign insightful data visualization using different mark types and propertiesBuild powerful dashboards and stories Share your work and interact with Tableau ServerUse Tableau to explore your data and find new insightsExplore Tableau's advanced features and gear up for upcoming challengesWho this book is for If you're a beginner or an existing BI professional looking to get the most out of Tableau 2018's latest features, this book is for you. You'll also find this book useful if you're an aspiring analyst who wants to learn the capabilities of Tableau to answer business-specific questions. No prior knowledge or experience with Tableau or any other Business Intelligence tool is necessary.

Illustrate your data in a more interactive and interesting way using Tableau Public About This Book Learn the basics of creating visualizations with Tableau using this concise reference book Understand how to join and aggregate your data sources using Tableau It is a step by step guide that uses examples to help you understand the key concepts and feature of Tableau Public Who This Book Is For This book is targeted at investigative journalists and bloggers with an interest in making rich and interactive data visualizations. Intermediate Tableau Public users and organizations can also use this book as a reference guide and teaching aid. Members of the media team, such as data specialists, web developers, editors, producers, and managers can also benefit from an understanding of the structure and challenges of writing an interactive and interesting data visualization using Tableau Public. What You Will Learn Connect to various data sources and understand what data is appropriate for Tableau Public Understand chart types and when to use specific chart types with different types of data Join and aggregate data for use in Tableau Public data stories Discover features of Tableau Public, from basic to advanced Involve calculations in Tableau Public Build geographic maps to bring context to data Create dashboards from one or more separate data visualizations Create filters and actions to allow greater interactivity to Tableau Public visualizations and dashboards Publish and embed Tableau visualizations and dashboards in articles In Detail Tableau Public is a very useful tool in anyone's data reporting toolbox that allows authors to add an interactive data element to any article. It allows investigative journalists and bloggers to tell a "data story", allowing others to explore your data visualization. The relative ease of Tableau Public visualization creation allows data stories to be developed rapidly. It allows readers to explore data associations in multiple-sourced public data, and uses state-of-the-art dashboard and chart graphics to immerse the users in an interactive experience. This book offers investigative journalists, bloggers, and other data story tellers a rich discussion of visualization creation topics, features, and functions. This book allows data story tellers to quickly gain confidence in understanding and expanding their visualization-creation knowledge, and allows them to quickly create interesting, interactive data visualizations to bring a richness and vibrancy to complex articles. The book takes you from basic concepts in visualization creation, like connecting to data sources, cleansing data, chart types, common functions, map creation, and publishing to the Web, to more advanced functions. It is a great overview and reference guide for beginner to intermediate Tableau Public data story tellers, and covers creation of Tableau Public visualizations of varying complexities. Style and approach This book is a crisp, systematic, and tutorial-styled guide to building interactive Tableau visualizations.

Data Analytics and Visualization in Quality Analysis using Tableau

Tableau Training Manual Version 9.0 Advanced  
Prepare Your Data for Tableau  
Tools for Business Intelligence, data prep, and visual analytics, 3rd Edition

Learning Tableau  
The Tableau Workshop

Create powerful, effective visualizations to help analyze your data with Tableau 10 by your side About This Book Cook your favorite Tableau 10 business intelligence recipe with the help of this easy-to-follow book Build beautiful, interactive dashboards and visualizations in Tableau 10 that help you make informed decisions This rich collection of independent recipes cover everything needed to become an advanced Tableau user and get an edge over other Tableau users Who This Book Is For This book is targeted to business, data, and analytics professionals who want to build rich interactive visualizations using Tableau. Familiarity with previous versions of Tableau would be helpful, but is not necessary. What You Will Learn Become familiar with the Tableau interface Build basic to more advanced charts with step-by-step recipes Use filters, calculated fields, parameters, and actions to add interactivity to charts and dashboards Prepare and transform data for analysis using Tableau's built-in tools and functions Create effective and compelling dashboards and story points Leverage Tableau's mapping capabilities to visualize location and shape data Integrate analytics and forecasting to enhance data analysis Get to know tips and tricks to work more quickly and effectively in Tableau Increase your confidence and competence in creating rich, interactive visualizations in Tableau In Detail Tableau is a software tool that can speed up data analysis through its rich visualization capabilities, and help uncover insights for better and smarter decision making. This book is for the business, technology, data and analytics professionals who use and analyze data and data-driven approaches to support business operations and strategic initiatives in their organizations. This book provides easy-to-follow recipes to get the reader up and running with Tableau 10, and covers basic to advanced use cases and scenarios. The book starts with building basic charts in Tableau and moves on to building more complex charts by incorporating different Tableau features and interactivity components. There is an entire chapter dedicated to dashboard techniques and best practices. A number of recipes specifically for geospatial visualization, analytics, and data preparation are also covered. By the end of this book, you'll have gained confidence and competence to analyze and communicate data and insights more efficiently and effectively by creating compelling interactive charts, dashboards, and stories in Tableau. Style and approach This book is a collection of independent recipes that cover a wide range of options for data visualization on offer with Tableau. With the help of the recipes in this book, you can explore Tableau and pick the business intelligence solution that's best suited for your needs.

Whether you're a beginner just learning how to create data visualizations or a Jedi who's already used Tableau for years, this cookbook has a recipe for everyone. Author Lorna Brown provides more than 100 practical recipes to enhance the way you build Tableau dashboards--and helps you understand your data through the power of Tableau Desktop's interactive data visualizations. With this cookbook, Tableau beginners will learn hands-on how this unique self-serve tool works, while experienced users will find this book to be an ideal reference guide on how to employ specific techniques. It also links you to online resources and community features, such as Tableau Tip Tuesday and Workout Wednesday. By the time you reach the end, you'll be a competent user of Tableau Desktop. You'll learn how to: Build both basic and complex data visualizations with Tableau Desktop Gain hands-on experience with Tableau's latest features, including set and parameter actions Create interactive dashboards to support business questions Improve your analytical skills to enhance the visualizations you've already created Learn data visualization skills and best practices to help you and your organization

Data Analytics and Visualization in Quality Analysis using Tableau goes beyond the existing quality statistical analysis. It helps quality practitioners perform effective quality control and analysis using Tableau, a user-friendly data analytics and visualization software. It begins with a basic introduction to quality analysis with Tableau including differentiating factors from other platforms. It is followed by a description of features and functions of quality analysis tools followed by step-by-step instructions on how to use Tableau. Further, quality analysis through Tableau based on open source data is explained based on five case studies. Lastly, it systematically describes the implementation of quality analysis through Tableau in an actual workplace via a dashboard example. Features: Describes a step-by-step method of Tableau to effectively apply data visualization techniques in quality analysis Focuses on a visualization approach for practical quality analysis Provides comprehensive coverage of quality analysis topics using state-of-the-art concepts and applications Illustrates pragmatic implementation methodology and instructions applicable to real-world and business cases Include examples of ready-to-use templates of customizable Tableau dashboards This book is aimed at professionals, graduate students and senior undergraduate students in industrial systems and quality engineering, process engineering, systems engineering, quality control, quality assurance and quality analysis.

Create beautiful data visualizations and interactive dashboards with Tableau About This Book Delve into the features and functionalities of Tableau from the ground up with this step-by-step guide that has over 50 "follow-me" recipes Build rich visualizations to effectively highlight the underlying trends and patterns in your data Build beautiful interactive dashboards and storyboards to stitch your visualizations together and tell a story Who This Book Is For This book is for anyone who wishes to use Tableau. It will be of use to both beginners who want to learn Tableau from scratch and to more seasoned users who simply want a quick reference guide. This book is a ready reckoner guide for you. The book will be such that both new & existing Tableau users who don't know, or can't recall how to perform different Tableau tasks can use the book and be benefited from it. What You Will Learn Get to grips with the Tableau workspace and terminologies and understand what data sources you can connect Learn to create basic charts like bar chart, stacked bar, pie chart, line chart, area chart, tree map & word cloud Go even further with more advanced visualizations such as scatter plot, box & whiskers plot, dual axis, bullet chart, Histograms, Maps, etc Use pre-defined calculation and change its scope and direction to affect outcome Learn to define Parameters and call them into parametric calculations that provide outcomes based on user inputs Build Dashboards and use Actions to link multiple sheets on the dashboard Connect to multiple data sources using Data Blending, Multiple Table Join within the same data source as well as across data sources, Custom SQL and learn to work with data Extracts Compute statistical trends, build forecasting models and use Reference lines for benchmarking In Detail Data is everywhere and everything is data! Visualization of data allows us to bring out the underlying trends and patterns inherent in the data and gain insights that enable faster and smarter decision making. Tableau is one of the fastest growing and industry leading Business Intelligence platforms that empowers business users to easily visualize their data and discover insights at the speed of thought. Tableau is a self-service BI platform designed to make data visualization and analysis as intuitive as possible. Creating visualizations with simple drag-and-drop, you can be up and running on Tableau in no time. Starting from the fundamentals such as getting familiarized with Tableau Desktop, connecting to common data sources and building standard charts; you will walk through the nitty gritty of Tableau such as creating dynamic analytics with parameters, blended data sources, and advanced calculations. You will also learn to group members into higher levels, sort the data in a specific order & filter out the unnecessary information. You will then create calculations in Tableau & understand the flexibility & power they have and go on to building story-boards and share your insights with others. Whether you are just getting started whether you need a quick reference on a "how-to" question, This book is the perfect companion for you Style and approach This cookbook takes a step-by-step approach and the text systematically evolves to cover more involved functionalities. Every recipe includes illustrative screenshots which provide a detailed visual resource for each step.

100 Tips, Tutorials, and Strategies from a Tableau Zen Master

Get up and running with the new features of Tableau 2018 for impactful data visualization  
Jumpstart Tableau

Tableau 9: Learning the Basics

Practical Tableau

Introduction to Sustainability Analytics

*In a crowded field of data visualization and analytics tools, Tableau Desktop has emerged as the clear leader. This is partly due to its ease of use, but once you dive into Tableau's extensive feature set, you'll understand just how powerful and flexible this software can be for your business or organization. With this handy pocket reference, author Ryan Sleeper (Innovative Tableau) shows you how to translate the vast amounts of data into useful information. Tableau has done an amazing job of making valuable insights accessible to analysts and executives who would otherwise need to rely on IT. This book quickly guides you through Tableau Desktop's learning curve. You'll learn: How to shape data for use with Tableau Desktop How to create the most effective chart types Core concepts including discrete versus continuous Must-know technical features including filters, parameters, and sets Key syntax for creating the most useful analyses How to bring it all together with dashboards And more!*

Tableau is a leading data visualization tool and holds majority of marketshare. Tableau can connect to any Datasources under the sun be it a Datawarehouse, Excel, Database, etc. The great feature of Tableau is that it provides real-time data insights in a matter of minutes. In this book, we get you started with Tableau: Table Of Contents Chapter 1: What is Tableau? Uses and Applications 1. What is Tableau? 2. Tableau Product Suite 3. How does Tableau work? 4. Excel Vs. Tableau Chapter 2: Tableau Architecture & Server Components 1. Tableau Server Architecture 2. Data Connectors 3. Components of Tableau Server 4. Gateway 5. Clients Chapter 3: How to Download & Install Tableau Public (Free) & Desktop (Trial) 1. Download and Install Tableau Public 2. Download and Install Tableau Desktop Chapter 4: Introduction to Tableau Desktop Software: Workspace & Navigation 1. Tableau Desktop Workspace 2. Tableau Navigation Chapter 5: Tableau Data Connections to Databases and Multiple Sources 1. Connecting to various data sources 2. Connection to Text File 3. Connecting to Excel File 4. Connection to Database 5. Connection to

Websites 6. Connecting to Tableau Server 7. Data Relationship 8. Data Sorting 9. Replacing Data Source Chapter 6: Types of Filters in Tableau: Condition by Formula, Extract, Context 1. Types of Filters 2. Filter condition in Tableau 3. Filter Condition by Formula Chapter 7: Tableau Create Group, Hierarchy, Sets & Sort Data 1. Sort data 2. Build groups 3. Build Hierarchy 4. Build Sets Chapter 8: Tableau Charts & Graphs Tutorial: Types & Examples 1. Measure names and Measure values 2. Generated Fields 3. Understand how and when to build different types of Visuals

Leverage the power of advanced analytics and predictive modeling in Tableau using the statistical powers of R About This Book A comprehensive guide that will bring out the creativity in you to visualize the results of complex calculations using Tableau and R Combine Tableau analytics and visualization with the power of R using this step-by-step guide Wondering how R can be used with Tableau? This book is your one-stop solution. Who This Book Is For This book will appeal to Tableau users who want to go beyond the Tableau interface and deploy the full potential of Tableau, by using R to perform advanced analytics with Tableau. A basic familiarity with R is useful but not compulsory, as the book will start off with concrete examples of R and will move quickly into more advanced spheres of analytics using online data sources to support hands-on learning. Those R developers who want to integrate R in Tableau will also benefit from this book. What You Will Learn Integrate Tableau's analytics with the industry-standard, statistical prowess of R. Make R function calls in Tableau, and visualize R functions with Tableau using Rserve. Use the CRISP-DM methodology to create a roadmap for analytics investigations. Implement various supervised and unsupervised learning algorithms in R to return values to Tableau. Make quick, cogent, and data-driven decisions for your business using advanced analytical techniques such as forecasting, predictions, association rules, clustering, classification, and other advanced Tableau/R calculated field functions. In Detail Tableau and R offer accessible analytics by allowing a combination of easy-to-use data visualization along with industry-standard, robust statistical computation. Moving from data visualization into deeper, more advanced analytics? This book will intensify data skills for data viz-savvy users who want to move into analytics and data science in order to enhance their businesses by harnessing the analytical power of R and the stunning visualization capabilities of Tableau. Readers will come across a wide range of machine learning algorithms and learn how descriptive, prescriptive, predictive, and visually appealing analytical solutions can be designed with R and Tableau. In order to maximize learning, hands-on examples will ease the transition from being a data-savvy user to a data analyst using sound statistical tools to perform advanced analytics. By the end of this book, you will get to grips with advanced calculations in R and Tableau for analytics and prediction with the help of use cases and hands-on examples. Style and approach Tableau (uniquely) offers excellent visualization combined with advanced analytics; R is at the pinnacle of statistical computational languages. When you want to move from one view of data to another, backed up by complex computations, the combination of R and Tableau makes the perfect solution. This example-rich guide will teach you how to combine these two to perform advanced analytics by integrating Tableau with R and create beautiful data visualizations.

Transform your organization's data into actionable insights with Tableau Tableau is designed specifically to provide fast and easy visual analytics. The intuitive drag-and-drop interface helps you create interactive reports, dashboards, and visualizations, all without any special or advanced training. This all new edition of Tableau Your Data! is your Tableau companion, helping you get the most out of this invaluable business toolset. Tableau Your Data! shows you how to build dynamic, best of breed visualizations using the Tableau Software toolset. This comprehensive guide covers the core feature set for data analytics, and provides clear step-by-step guidance toward best practices and advanced techniques that go way beyond the user manual. You'll learn how Tableau is different from traditional business information analysis tools, and how to navigate your way around the Tableau 9.0 desktop before delving into functions and calculations, as well as sharing with the Tableau Server. Analyze data more effectively with Tableau Desktop Customize Tableau's settings for your organization's needs with detailed real-world examples on data security, scaling, syntax, and more Deploy visualizations to consumers throughout the enterprise - from sales to marketing, operations to finance, and beyond Understand Tableau functions and calculations and leverage Tableau across every link in the value chain Learn from actual working models of the book's visualizations and other web-based resources via a companion website Tableau helps you unlock the stories within the numbers, and Tableau Your Data! puts the software's full functionality right at your fingertips.

Tableau 10 for Beginners

Learning Tableau 2019

Tableau: Creating Interactive Data Visualizations

An expert guide to implementing advanced business intelligence and analytics with Tableau 2019.1, 2nd Edition

Advanced Analytics with R and Tableau

Designing, Developing, and Delivering Data Visualizations

Learn through hands-on exercises covering a variety of topics including data connections, analytics, and dashboards to effectively prepare for the Tableau Desktop Certified Associate exam Key FeaturesPrepare for the Tableau Desktop Certified Associate exam with the help of tips and techniques shared by expertsImplement Tableau's advanced analytical capabilities such as forecastingDelve into advanced Tableau features and explore best practices for building dashboardsBook Description The Tableau Desktop Certified Associate exam measures your knowledge of Tableau Desktop and your ability to work with data and data visualization techniques. This book will help you to become well-versed in Tableau software and use its business intelligence (BI) features to solve BI and analytics challenges. With the help of this book, you'll explore the authors' success stories and their experience with Tableau. You'll start by understanding the importance of Tableau certification and the different certification exams, along with covering the exam format, Tableau basics, and best practices for preparing data for analysis and visualization. The book builds on your knowledge of advanced Tableau topics such as table calculations for solving problems. You'll learn to effectively visualize geographic data using vector maps. Later, you'll discover the analytics capabilities of Tableau by learning how to use features such as forecasting. Finally, you'll understand how to build and customize dashboards, while ensuring they convey information effectively. Every chapter has examples and tests to reinforce your learning, along with mock tests in the last section. By the end of this book, you'll be able to efficiently prepare for the certification exam with the help of mock tests, detailed explanations, and expert advice from the authors. What you will learnApply Tableau best practices to analyze and visualize dataUse Tableau to visualize geographic data using vector mapsCreate charts to gain productive insights into data and make quality-driven decisionsImplement advanced analytics techniques to identify and forecast key valuesPrepare customized table calculations to compute specific valuesAnswer questions based on the Tableau Desktop Certified Associate exam with the help of mock testsWho this book is for This Tableau certification book is for business analysts, BI professionals, and data analysts who want to become certified Tableau Desktop Associates and solve a range of data science and business intelligence problems using this example-packed guide. Some experience in Tableau Desktop is expected to get the most out of this book.

Tableau is a leading data visualization tool and holds majority of marketshare. Tableau can connect to any Datasources under the sun be it a Datawarehouse, Excel, Database, etc. The great feature of Tableau is that it provides real-time data insights in a matter of minutes. In this book, we get you started with Tableau: Table Of Contents Chapter 1: What is Tableau? Uses and Applications What is Tableau? Tableau Product Suite How does Tableau work? Excel Vs. Tableau Chapter 2: Tableau Architecture & Server Components Tableau Server Architecture Data Connectors Components of Tableau Server Gateway Clients Chapter 3: How to Download & Install Tableau Public (Free) & Desktop (Trial) Download and Install Tableau Public Download and Install Tableau Desktop Chapter 4: Introduction to Tableau Desktop Software: Workspace & Navigation Tableau Desktop Workspace Tableau Navigation Chapter 5: Tableau Data Connections to Databases and Multiple Sources Connecting to various data sources Connection to d104 File Connecting to Excel File Connection to Database Connection to Websites Connecting to Tableau Server Data Relationship Data Sorting Replacing Data Source Chapter 6: Types of Filters in Tableau: Condition by Formula, Extract, Context Types of Filters Filter condition in Tableau Filter Condition by Formula Chapter 7: Tableau Create Group, Hierarchy, Sets & Sort Data Sort data Build groups Build Hierarchy Build Sets Chapter 8: Tableau Charts & Graphs Tutorial: Types & Examples Measure names and Measure values Generated Fields Understand how and when to build different types of Visuals