

Sql Server 2016 Reporting Services Cookbook

Up-to-Date Coverage of Microsoft® SQL Server® 2016 Reporting Services, Including the Mobile Report Publisher Build, publish, and maintain paginated and mobile reports using the expert tips and best practices contained in this hands-on guide. Written by a member of the original Reporting Services development team, Microsoft SQL Server 2016 Reporting Services, Fifth Edition, fully explains the process of creating and distributing reports and shows how to maximize all of the powerful, integrated SSRS capabilities, including the new and enhanced features. A detailed case study and sample reports are featured in this practical resource.

- Plan for, install, configure, and customize SQL Server 2016 Reporting Services
- Design and generate feature-rich reports using the Report Wizard
- Work with Report Designer in Visual Studio, Report Builder, and the Mobile Report Publisher
- Incorporate charts, images, gauges, and maps
- Enhance your reports through summarizing, totaling, and interactivity
- Build reusable report templates
- Embed Visual Basic .NET functions and subreports
- Enable end-user

Access Free Sql Server 2016 Reporting Services Cookbook

access via the Report Server and its web portal interface • Integrate SSRS reports with your own websites and custom applications • Follow along with sample reports from the book's case study

Build agile and responsive business intelligence solutions

Create a semantic model and analyze data using the tabular model in SQL Server 2016 Analysis Services to create corporate-level business intelligence (BI) solutions. Led by two BI experts, you will learn how to build, deploy, and query a tabular model by following detailed examples and best practices. This hands-on book shows you how to use the tabular model's in-memory database to perform rapid analytics—whether you are new to Analysis Services or already familiar with its multidimensional model.

Discover how to: • Determine when a tabular or multidimensional model is right for your project • Build a tabular model using SQL Server Data Tools in Microsoft Visual Studio 2015 •

Integrate data from multiple sources into a single, coherent view of company information • Choose a data-modeling technique that meets your organization's performance and usability requirements • Implement security by establishing administrative

and data user roles • Define and implement partitioning strategies to reduce processing time • Use Tabular Model Scripting Language (TMSL) to execute and automate administrative tasks • Optimize your data model to reduce the memory footprint for VertiPaq • Choose between in-memory (VertiPaq) and pass-through (DirectQuery) engines for tabular models • Select the proper hardware and virtualization configurations • Deploy and manipulate tabular models from C# and PowerShell using AMO and TOM libraries Get code samples, including complete apps, at: <https://aka.ms/tabular/downloads> About This Book • For BI professionals who are new to SQL Server 2016 Analysis Services or already familiar with previous versions of the product, and who want the best reference for creating and maintaining tabular models. • Assumes basic familiarity with database design and business analytics concepts.

Expert tabular modeling techniques for building and deploying cutting-edge business analytical reporting solutions About This Book Build and deploy Tabular Model projects from relational data sources Leverage DAX and create high-performing calculated fields and measures Create ad-hoc reports based on a Tabular

Access Free Sql Server 2016 Reporting Services Cookbook

Model solution Useful tips to monitor and optimize your tabular solutions Who This Book Is For This book is for SQL BI professionals and Architects who want to exploit the full power of the new Tabular models in Analysis Services. Some knowledge of previous versions of Analysis services would be helpful but is not essential. What You Will Learn Learn all about Tabular services mode and how it speeds up development Build solutions using sample datasets Explore built-in actions and transitions in SSAS 2016 Implement row-column, and role-based security in a Tabular Data model Realize the benefits of in-memory and DirectQuery deployment modes Get up to date with the new features added to SQL Server 2016 Analysis Services Optimize Data Models and Relationships Usage In Detail SQL Server Analysis Service (SSAS) has been widely used across multiple businesses to build smart online analytical reporting solutions. It includes two different types of modeling for analysis services: Tabular and Multi Dimensional. This book covers Tabular modeling, which uses tables and relationships with a fast in-memory engine to provide state of the art compression algorithms and query performance. The book begins by quickly

taking you through the concepts required to model tabular data and set up the necessary tools and services. As you learn to create tabular models using tools such as Excel and Power View, you'll be shown various strategies to deploy your model on the server and choose a query mode (In-memory or DirectQuery) that best suits your reporting needs. You'll also learn how to implement key and newly introduced DAX functions to create calculated columns and measures for your model data. Last but not least, you'll be shown techniques that will help you administer and secure your BI implementation along with some widely used tips and tricks to optimize your reporting solution. By the end of this book, you'll have gained hands-on experience with the powerful new features that have been added to Tabular models in SSAS 2016 and you'll be able to improve user satisfaction with faster reports and analytical queries. Style and approach This book takes a practical, recipe-based approach where each recipe lists the steps to address or implement a solution. You will be provided with several approaches to creating a business intelligence semantic model using analysis services.

Access Free Sql Server 2016 Reporting Services Cookbook

Create interactive cross-platform reports and dashboards using SQL Server 2016 Reporting Services

About This Book* Get up to speed with the newly-introduced enhancements and the more advanced query and reporting features of SQL Server 2016 Reporting Services* Easily access your important data by creating visually-appealing dashboards in the Power BI practical recipe* Create cross-browser and cross-platform reports using SQL Server 2016 Reporting Services

Who This Book Is For This book is for software professionals who develop and implement reporting solutions using Microsoft SQL Server. Basically, professionals who play the role of software engineer, software architect, DW/BI engineer, and DW/BI architect, who perform simple to complex report authoring implementations. This book is also suitable for those who develop software solutions that integrate reporting solutions and who are keen to learn about Microsoft SQL Server 2016's features and capabilities.

What You Will Learn*

- Understand the key capabilities, architecture, and components of Reporting Services*
- Explore the new features added to Reporting Services*
- Design the architecture for reporting solutions*
- Design the architecture for BI solutions*
- Implement reporting

Access Free Sql Server 2016 Reporting Services Cookbook

solutions using Reporting Services* Improve the performance, availability, and scalability of the reporting solution* Enhance reporting solutions with custom programming and improved security

In Detail Microsoft SQL Server 2016 Reporting Services offers many new features that address all enterprise-level reporting requirements. It offers many types of reporting such as Production, Ad-hoc, Dashboard, Mash-up, and Analytical. It also comes with new features such as mobile reporting, Power BI integration and much more. This book explores the new and advanced features added to the 2016 update. In the first few chapters, we'll show you how to configure components and explore the new features of the SQL Server 2016 edition. Furthermore, you'll learn to build your own reporting solution with data tools and Report Builder, and work through techniques to create visually appealing reports. We also cover the enhanced mobile reporting solution, accessing reports effectively and delivering an interactive business intelligence solution. Towards the end of the book, you'll get to grips with running reporting services in SharePoint integrated mode, as well as administering, monitoring and securing your reporting

Access Free Sql Server 2016 Reporting Services Cookbook

solution. This book is all you need to uncover the new offerings opened by Microsoft SQL Server 2016 Reporting Services.

T-SQL Fundamentals

SQL Server 2017 Machine Learning Services with R

SSR and PWA with Next.js using React with advanced concepts

Reporting Services the Mobile Report shi zhan

Getting started with Power Query in Power BI and Excel

Business Intelligence with SQL Server Reporting Services helps you deliver business intelligence with panache. Harness the power of the Reporting Services toolkit to combine charts, gauges, sparklines, indicators, and maps into compelling dashboards and scorecards. Create compelling visualizations that seize your audience's attention and help business users identify and react swiftly to changing business conditions. Best of all, you'll do all these things by creating new from software that is already installed and paid for – SQL Server and the included SQL Server Reporting Services. Businesses run on numbers, and good business intelligence systems make critical numbers immediately and conveniently accessible. Business users want access to key performance indicators in the office, at the beach, and while riding the subway home after a work. Business Intelligence with SQL Server Reporting Services helps you meet these need for anywhere/anytime access by including chapters specifically showing how to deliver on modern devices such as smart phones and tablets. You'll learn to deliver the same information, with similar look-and-feel, across the entire range of devices used in business today. Key performance indicators give fast notification of business unit performance Polished dashboards deliver ess

Access Free Sql Server 2016 Reporting Services Cookbook

metrics and strategic comparisons Visually arresting output on multiple devices focuses attention on key metrics
Provides information on the features and functions of Reporting Services to turn enterprise data into a variety of reports.

Discover how to maintain and update balanced scorecards and performance dashboards with SQL Server Reporting Services Complementing the bestselling *Balanced Scorecards and Operational Dashboards with Microsoft Excel* (9780470386811), this indispensable book shows you how to create maintainable and dynamically updated scorecards and performance dashboards using Microsoft's premier reporting tool for the enterprise: SQL Server Reporting Services. The book begins with coverage of performance management methods and metrics and then moves on to introduce you to techniques for developing and delivering both a dashboard and a balanced scorecard using Reporting Services. The authors assume very limited knowledge of Reporting Services, allowing you to gradually progress through more advanced topics and solutions. Shows you how to build a simple dashboard and balanced scorecard utilizing helpful examples Discusses formatting controls and labels, paging, and conditional formatting Introduces the skills necessary to make Reporting Services dashboards and scorecards interactive Covers the visual aspect of dashboards and scorecards and shows how to design and implement dashboards and scorecards in Reporting Services for mobile devices Explains how to apply the techniques covered earlier in the book for specific business applications This book sets itself apart from other titles with its comprehensive and invaluable coverage of key strategies and techniques for effectively using SQL Reporting Services to create scorecards and dashboards.

Level up your React and Next.js skills with advanced concepts about SSR and PWA

DESCRIPTION The book starts by introducing the reader to React, what it is and why you need

Access Free Sql Server 2016 Reporting Services Cookbook

library like React to work with medium to large scale applications. We then move on to implementing simple client-side programs with React, uncovering modern React practices like React hooks and diving deep into various kinds of hooks. We then move to implement React on the server using Server-Side Rendering to bring benefits of the SEO world to the dynamic rendering nature of front-end libraries. For this, we use Next.js, a very popular implementation of Server-Side Rendering which comes with tons of good practices already baked in. We also take a look at how Progressive Web Apps can be created out of existing React codebases and what benefits it provides us. Finally, we end the book with some React internals (how to React works) and some bleeding-edge features in React which are expected to roll out in 2-3 years fully and would impact how to React works under the hood.

KEY FEATURES - Covers latest and core React concepts including React hooks and React reconciler - Covers about Server Side Rendering with React and how to use it using Next.js - Covers about Progressive Web Apps in React and how to create them - Covers intermediate and advanced React concepts like state management - Provides an overview of React for beginners to catch up with advanced concepts later - Covers bleeding-edge React concepts on the future of React and how it would work eventually

WHAT WILL YOU LEARN ? What React is and how to get started with it ? Modern ways to code React applications ? Implementing Server-Side rendering with/without Next.js on the top of React library ? Working with Progressive Web Apps in React ? How React works under the hood ? Future of React and bleeding-edge React tech you can use today

WHO THIS BOOK IS FOR The reader is expected to have a decent understanding of JavaScript/HTML/CSS, and possibly, worked with React a little bit beforehand. Although the first 2 chapters cover basics of React, still it is recommended for users with at least a bit of knowledge and experience with React.

TABLE OF CONTENTS 1.

Access Free Sql Server 2016 Reporting Services Cookbook

React 101 2. Setting up React 3. Components 4. State Management with React 5. Server Side
React 6. Introduction to Next.js 7. More with Next.js 8. Progressive Web Apps 9. Bleeding edge
React

Microsoft System Center Data Protection Manager Cookbook

Delivering Business Intelligence with Microsoft SQL Server 2012 3/E
for Designing Expert Reports

Microsoft SQL Server 2012 Reporting Services

Advanced Web Development with React

The Definitive Guide to Microsoft SQL Server 2012 Reporting Services Create, deploy, and manage business intelligence reports using the expert tips and best practices in this hands-on resource. Written by a member of the original Reporting Services development team, Microsoft SQL Server 2012 Reporting Services, Fourth Edition covers the complete process of building and distributing reports and explains how to maximize all of the powerful, integrated SSRS capabilities, including the new and enhanced features. A detailed case study and sample reports are included in this practical reference. Plan for, install, configure, and customize SQL Server 2012 Reporting Services Retrieve data with SELECT queries Generate reports from the Report Wizard and from scratch Enhance your reports with charts, images, gauges, and maps Add value to reports through summarizing, totaling, and interactivity Build reusable report templates Embed Visual Basic, .NET functions and subreports into your reports Enable end-user access to reports via the Report Server and its Report Manager web interface Integrate SSRS reports with your own websites and custom applications Follow along with sample reports from the book's

case study

Harness the power of SQL Server 2017 Integration Services to build your data integration solutions with ease About This Book Acquaint yourself with all the newly introduced features in SQL Server 2017 Integration Services Program and extend your packages to enhance their functionality This detailed, step-by-step guide covers everything you need to develop efficient data integration and data transformation solutions for your organization Who This Book Is For This book is ideal for software engineers, DW/ETL architects, and ETL developers who need to create a new, or enhance an existing, ETL implementation with SQL Server 2017 Integration Services. This book would also be good for individuals who develop ETL solutions that use SSIS and are keen to learn the new features and capabilities in SSIS 2017. What You Will Learn Understand the key components of an ETL solution using SQL Server 2016-2017 Integration Services Design the architecture of a modern ETL solution Have a good knowledge of the new capabilities and features added to Integration Services Implement ETL solutions using Integration Services for both on-premises and Azure data Improve the performance and scalability of an ETL solution Enhance the ETL solution using a custom framework Be able to work on the ETL solution with many other developers and have common design paradigms or techniques Effectively use scripting to solve complex data issues In Detail SQL Server Integration Services is a tool that facilitates data extraction, consolidation, and loading options (ETL), SQL Server coding enhancements, data warehousing, and customizations. With the help of the recipes in this book, you'll gain complete hands-on experience of SSIS 2017 as well as the

Access Free Sql Server 2016 Reporting Services Cookbook

2016 new features, design and development improvements including SCD, Tuning, and Customizations. At the start, you'll learn to install and set up SSIS as well other SQL Server resources to make optimal use of this Business Intelligence tools. We'll begin by taking you through the new features in SSIS 2016/2017 and implementing the necessary features to get a modern scalable ETL solution that fits the modern data warehouse. Through the course of chapters, you will learn how to design and build SSIS data warehouses packages using SQL Server Data Tools. Additionally, you'll learn to develop SSIS packages designed to maintain a data warehouse using the Data Flow and other control flow tasks. You'll also be demonstrated many recipes on cleansing data and how to get the end result after applying different transformations. Some real-world scenarios that you might face are also covered and how to handle various issues that you might face when designing your packages. At the end of this book, you'll get to know all the key concepts to perform data integration and transformation. You'll have explored on-premises Big Data integration processes to create a classic data warehouse, and will know how to extend the toolbox with custom tasks and transforms. Style and approach This cookbook follows a problem-solution approach and tackles all kinds of data integration scenarios by using the capabilities of SQL Server 2016 Integration Services. This book is well supplemented with screenshots, tips, and tricks. Each recipe focuses on a particular task and is written in a very easy-to-follow manner.

Teaches solution architects, designers, and developers how to use Microsoft's reporting platform to create reporting and business intelligence (BI) solutions Updated with new information about

holistic BI solutions, comprehensive OLAP/Analysis Services reporting, and complete production deployment scenarios Includes programming examples focused on specific, scenario-based solutions Explains reporting services architecture and business intelligence, teaches the fundamentals of designing reports through the use of careful planning considerations, and covers advanced report design and filtering techniques

Use your SQL Server skills to create and manage key data reports Deliver interactive business intelligence reports using SQL Server 2012 Reporting Services, and help facilitate real-time decision making throughout the enterprise. SQL Server expert Stacia Misner shows you in detail how to design, manage, and access custom reports that capture data from multiple sources. This book is ideal for experienced SQL Server developers, whether you're new to Reporting Services or upgrading from an earlier version. Discover how to: Use the latest features, including the Power View ad hoc reporting tool Design reports by understanding how your audience accesses and uses data Add interactive features to help end users sort and filter data Create rich data visualization with charts, gauges, indicators, and data maps Configure your report server, provide security, and monitor report contents Use SharePoint or Report Manager to search and access reports online Create a library of report parts that clients can use for ad hoc reporting Build and manage reports using Reporting Services as a development platform

Tabular Modeling in Microsoft SQL Server Analysis Services

Microsoft SQL Server 2008 Reporting Services Step by Step

Microsoft SQL Server 2005 Reporting Services For Dummies

MDX with Microsoft SQL Server 2016 Analysis Services Cookbook

Tabular Modeling with SQL Server 2016 Analysis Services Cookbook

Build and manage data integration solutions with expert guidance from the Microsoft SQL Server Integration Services (SSIS) team. See best practices in action and dive deep into the SSIS engine, SSISDB catalog, and security features. Using the developer enhancements in SQL Server 2012 and the flexible SSIS toolset, you ' ll handle complex data integration scenarios more efficiently—and acquire the skills you need to build comprehensive solutions. Discover how to: Use SSIS to extract, transform, and load data from multiple data sources Apply best practices to optimize package and project configuration and deployment Manage security settings in the SSISDB catalog and control package access Work with SSIS data quality features to profile, cleanse, and increase reliability Monitor, troubleshoot, and tune SSIS solutions with advanced features such as detailed views and data taps Load data incrementally to capture an easily consumable stream of insert, update, and delete activity Information is everywhere. But imagine the CIO of a company who has spent millions implementing databases and applications, yet doesn't know how to view that data in a way to make good decisions that make the

company more profitable. That is where you come in. As a database professional you will be asked to provide answers to questions from the CIO and others in the company from that data. If your company is using SQL Server to host some of the company's data, chances are you will use SQL Server Reporting Services to create professional looking reports to hand to the CIO. This book is meant to be a fantastic value that gets you started with SSRS. You will learn with many hands-on exercises that build on skills from chapter to chapter. Each chapter has a "Points to Ponder" section that summarizes the content, and you will also find a short review quiz at the end.

Over 60 recipes to achieve a robust and advanced backup and recovery solution leveraging SCDPM Key Features Adapt to the modern data center design challenges and improve storage efficiency Effective recipes to help you create your own robust architectural designs Solve data protection and recovery problems in your organization Book Description System Center Data Protection Manager (SCDPM) is a robust enterprise backup and recovery system that contributes to your BCDR strategy by facilitating the backup and recovery of enterprise data. With an increase in data recovery and protection problems faced in organizations, it has

become important to keep data safe and recoverable. This book contains recipes that will help you upgrade to SCDPM and it covers the advanced features and functionality of SCDPM. This book starts by helping you install SCDPM and then moves on to post-installation and management tasks. You will come across a lot of useful recipes that will help you recover your VMware and Hyper-V VMs. It will also walk you through tips for monitoring SCDPM in different scenarios. Next, the book will also offer insights into protecting windows workloads followed by best practices on SCDPM. You will also learn to back up your Azure Stack Infrastructure using Azure Backup. You will also learn about recovering data from backup and implementing disaster recovery. Finally, the book will show you how to configure the protection groups to enable online protection and troubleshoot Microsoft Azure Backup Agent. What you will learn

Install and prepare SQL Server for the SCDPM database
Reduce backup storage with SCDPM and data deduplication
Learn about the prerequisites for supported Hyper-V Server protection
Integrate SCDPM with other System Center products to build optimal services
Protect and restore the SCDPM database
Protect your data center by integrating SCDPM with Azure Backup
Manually create online recovery points and

Access Free Sql Server 2016 Reporting Services Cookbook

recover production data from AzureProtect and learn about the requirements to recover Azure Stack with SCDPMWho this book is for If you are an SCDPM administrator, this book will help you verify your knowledge and provide you with everything you need to know about the new release of System Center Data Protection Manager.

A Detailed Look at Data Processing Extensions

SQL Server 2014 Development Essentials

Mission-Critical Applications, Deeper Insights, Hyperscale Cloud

Professional SQL Server 2005 Reporting Services

SQL Server 2016 Reporting Services Cookbook

Introducing Microsoft SQL Server 2016

Over 70 practical recipes to analyze multi-dimensional data in SQL Server 2016

Analysis Services cubes About This Book Updated for SQL Server 2016, this book helps you take advantage of the new MDX commands and the new features introduced

in SSAS Perform time-related, context-aware, and business related-calculations with ease to enrich your Business Intelligence solutions Collection of techniques to write

flexible and high performing MDX queries in SSAS with carefully structured examples

Who This Book Is For This book is for anyone who has been involved in working with multidimensional data. If you are a multidimensional cube developer, a

multidimensional database administrator, or a report developer who writes MDX queries to access multidimensional cube, this book will help you. If you are a power cube user or an experienced business analyst, you will also find this book invaluable in your data analysis. This book is for you are interested in doing more data analysis so that the management can make timely and accurate business decisions. What You Will Learn

- Grasp the fundamental MDX concepts, features, and techniques
- Work with sets
- Work with Time dimension and create time-aware calculations
- Make analytical reports compact, concise, and efficient
- Navigate cubes
- Master MDX for reporting with Reporting Services (new)
- Perform business analytics
- Design efficient cubes and efficient MDX queries
- Create metadata-driven calculations (new)
- Capture MDX queries and many other techniques

In Detail If you're often faced with MDX challenges, this is a book for you. It will teach you how to solve various real-world business requirements using MDX queries and calculations. Examples in the book introduce an idea or a problem and then guide you through the process of implementing the solution in a step-by-step manner, inform you about the best practices and offer a deep knowledge in terms of how the solution works. Recipes are organized by chapters, each covering a single topic. They start slowly and logically progress to more advanced techniques. In case of complexity, things are broken down. Instead of one, there are series of recipes built one on top of another. This way you are able to see intermediate results and debug potential errors faster. Finally, the cookbook format is here to help you quickly

identify the topic of interest and in it a wide range of practical solutions, that is – MDX recipes for your success. Style and approach This book is written in a cookbook format, where you can browse through and look for solutions to a particular problem in one place. Each recipe is short, to the point and grouped by relevancy. All the recipes are sequenced in a logical progression; you will be able to build up your understanding of the topic incrementally.

Learn to design more effective and sophisticated business reports While most users of SQL Server Reporting Services are now comfortable designing and building simple reports, business today demands increasingly complex reporting. In this book, top Reporting Services design experts have contributed step-by-step recipes for creating various types of reports. Written by well-known SQL Server Reporting Services experts, this book gives you the tools to meet your clients' needs

Any data analytics solution requires data population and preparation. With the rise of data analytics solutions these years, the need for this data preparation becomes even more essential. Power BI is a helpful data analytics tool that is used worldwide by many users. As a Power BI (or Microsoft BI) developer, it is essential to learn how to prepare the data in the right shape and format needed. You need to learn how to clean the data and build it in the structure that can be modeled easily and used high performant for visualization. Data preparation and transformation is the backend work. If you consider building a BI system as going to a restaurant and ordering food. The visualization is the

food you see on the table nicely presented. The quality, the taste, and everything else comes from the hard work in the kitchen. The part that you don't see or the backend in the world of Power BI is Power Query. You may be already familiar with some other data preparation and data transformation technologies, such as T-SQL, SSIS, Azure Data Factory, Informatica, etc. Power Query is a data transformation engine capable of preparing the data in the format you need. The good news is that to learn Power Query; you don't need to know programming. Power Query is for citizen data engineers. However, this doesn't mean that Power Query is not capable of performing advanced transformation. Unfortunately, because Power Query and data preparation is the kitchen work of the BI system, many Power BI users skip the learning of it and become aware of it somewhere along their BI project. Once they get familiar with it, they realize there are tons of things they could have implemented easier, faster, and in a much more maintainable way using Power Query. In other words, they learn mastering Power Query is the key skill toward mastering Power BI. We have been working with Power Query since the very early release of that in 2013, named Data Explorer, and wrote blog articles and published videos about it. The number of articles we published under this subject easily exceeds hundreds. Through those articles, some of the fundamentals and key learnings of Power Query are explained. We thought it is good to compile some of them in a book. A good analytics solution combines a good data model, good data preparation, and good analytics and calculations. Reza has written another book

about the Basics of modeling in Power BI and a book on Power BI DAX Simplified. This book is covering the data preparation and transformations aspects of it. This book is for you if you are building a Power BI solution. Even if you are just visualizing the data, preparation and transformations are an essential part of analytics. You do need to have the cleaned and prepared data ready before visualizing it. This book is compiled into a series of two books, which will be followed by a third book later; Getting started with Power Query in Power BI and Excel (this book) Mastering Power Query in Power BI and Excel (already available to be purchased separately) Power Query dataflows (will be published later) Although this book is written for Power BI and all the examples are presented using the Power BI. However, the examples can be easily applied to Excel, Dataflows, and other tools and services using Power Query.

Effectively query and modify data using Transact-SQL Master T-SQL fundamentals and write robust code for Microsoft SQL Server and Azure SQL Database. Itzik Ben-Gan explains key T-SQL concepts and helps you apply your knowledge with hands-on exercises. The book first introduces T-SQL's roots and underlying logic. Next, it walks you through core topics such as single-table queries, joins, subqueries, table expressions, and set operators. Then the book covers more-advanced data-query topics such as window functions, pivoting, and grouping sets. The book also explains how to modify data, work with temporal tables, and handle transactions, and provides an overview of programmable objects. Microsoft Data Platform MVP Itzik Ben-Gan

Access Free Sql Server 2016 Reporting Services Cookbook

shows you how to: Review core SQL concepts and its mathematical roots Create tables and enforce data integrity Perform effective single-table queries by using the SELECT statement Query multiple tables by using joins, subqueries, table expressions, and set operators Use advanced query techniques such as window functions, pivoting, and grouping sets Insert, update, delete, and merge data Use transactions in a concurrent environment Get started with programmable objects—from variables and batches to user-defined functions, stored procedures, triggers, and dynamic SQL

SQL Server 2017 Integration Services Cookbook

Professional Microsoft SQL Server 2008 Reporting Services

Configuration Manager Field Experience

System Center Configuration Manager Reporting Unleashed

Beginning SSRS Joes 2 Pros

Microsoft SQL Server 2016 Reporting Services, Fifth Edition McGraw-Hill Education

Learn SQL Server Reporting Services and become current with the 2016 edition. Develop interactive dynamic reports that combine graphs, charts, and tabular data into attractive dashboards and to delight business analysts and other users of corporate data. Deliver mobile reports to any device. Build vital knowledge of Reporting Services at a time when Microsoft's dominance in business intelligence is on the rise. Beginning SQL Server Reporting Services turns novices into skilled report developers. The book begins by explaining how to set up the development environment. It then walks you through creating your first reports using the built-in wizard. After showing you what's possible, the book breaks down and explains the skills needed to create reports from scratch.

Access Free Sql Server 2016 Reporting Services Cookbook

just reports! But also dashboards with charts, graphs, and maps. Each chapter builds on knowledge gained in the previous chapters with step-by-step tutorials. sql server="" reporting="" service is="" a="" skillset="" in="" high="" demand="" knowing="" about="" can="" help="" everyone="" from="" seasoned="" database="" administrators="" to="" mid-life="" career="" changers="" hoping="" break="" into="" information="" technology. iBeginning SQL Server Reporting Services Build reports with and without the built-in wizard. Build interactive features as drill-through reports. Build dashboards full of charts, graphs, and maps. Build mobile reports. What You Will Learn Set up your development environment. Organized projects and share components among reports. Create report using a wizard. Create reports from scratch, including grouping levels, parameters, and drill through features. Build interactive dashboard with graphs, charts, and maps. Deploy and manage reports for use by others in the business. Who This Book is For Database professionals of all experience levels who have some experience in databases and want to make the leap into business intelligence reporting. The book is an excellent choice for those needing to add Reporting Services to their current list of skills, or who are looking for a skill set that is in demand for in order to break into IT.

Up-to-date Microsoft SQL Server 2016 skills made easy! Get up and running on Microsoft SQL Server 2016 in no time with help from this thoroughly revised, practical resource. The book offers thorough coverage of SQL management and development and features full details on the new business intelligence, reporting, and security features. Filled with new real-world examples and hands-on exercises, Microsoft SQL Server 2016: A Beginner's Guide, Sixth Edition, starts by explaining the fundamental relational database system concepts. From there, you will learn how to write Transact-SQL statements, execute simple and complex database queries, handle system administration

Access Free Sql Server 2016 Reporting Services Cookbook

security, and use the powerful analysis and BI tools. XML, spatial data, and full-text search are covered in this step-by-step tutorial. · Revised from the ground up to cover the latest version of SQL Server · Ideal both as a self-study guide and a classroom textbook · Written by a prominent professional and best-selling author

Part of a series of specialized guides on System Center - this book shares real-world expertise on using Configuration Manager capabilities to deliver more effective IT services. Series editor Mark Tulloch and a team of System Center experts provide concise technical guidance as they step through key deployment and management scenarios.

Business Intelligence with SQL Server Reporting Services

Beginning SQL Server Reporting Services

SQL Server 2019 Administration Inside Out

Microsoft SQL Server 2012 Reporting Services 4/E

Microsoft SQL Server 2012 Integration Services

Prepare for Microsoft Exam 70-761—and help demonstrate your real-world mastery of SQL Server 2016 Transact-SQL data management, queries, and database programming. Designed for experienced IT professionals ready to advance their status, Exam Ref focuses on the critical-thinking and decision-making acumen needed for success at the MCSA level. Focus on the expertise measured by these objectives: • Filter, sort, join, aggregate, and modify data • Use subqueries, table expressions, grouping sets, and pivoting • Query temporal and non-relational data, and output XML or JSON • Create views, user-defined functions, and

Access Free Sql Server 2016 Reporting Services Cookbook

stored procedures • Implement error handling, transactions, data types, and nulls This Microsoft Exam Ref: • Organizes its coverage by exam objectives • Features strategic, what-if scenarios to challenge you • Assumes you have experience working with SQL Server as a database administrator, system engineer, or developer • Includes downloadable sample database and code for SQL Server 2016 SP1 (or later) and Azure SQL Database Querying Data with Transact-SQL About the Exam Exam 70-761 focuses on the skills and knowledge necessary to manage and query data and to program databases with Transact-SQL in SQL Server 2016. About Microsoft Certification Passing this exam earns you credit toward a Microsoft Certified Solutions Associate (MCSA) certification that demonstrates your mastery of essential skills for building and implementing on-premises and cloud-based databases across organizations. Exam 70-762 (Developing SQL Databases) is also required for MCSA: SQL 2016 Database Development certification. See full details at: microsoft.com/learning

Develop and run efficient R scripts and predictive models for SQL Server 2017 Key Features Learn how you can combine the power of R and SQL Server 2017 to build efficient, cost-effective data science solutions Leverage the capabilities of R Services to perform advanced analytics--from data exploration to predictive modeling A quick primer with practical examples to help you get up- and- running with SQL

Access Free Sql Server 2016 Reporting Services Cookbook

Server 2017 Machine Learning Services with R, as part of database solutions with continuous integration / continuous delivery. Book Description R Services was one of the most anticipated features in SQL Server 2016, improved significantly and rebranded as SQL Server 2017 Machine Learning Services. Prior to SQL Server 2016, many developers and data scientists were already using R to connect to SQL Server in siloed environments that left a lot to be desired, in order to do additional data analysis, superseding SSAS Data Mining or additional CLR programming functions. With R integrated within SQL Server 2017, these developers and data scientists can now benefit from its integrated, effective, efficient, and more streamlined analytics environment. This book gives you foundational knowledge and insights to help you understand SQL Server 2017 Machine Learning Services with R. First and foremost, the book provides practical examples on how to implement, use, and understand SQL Server and R integration in corporate environments, and also provides explanations and underlying motivations. It covers installing Machine Learning Services; maintaining, deploying, and managing code; and monitoring your services. Delving more deeply into predictive modeling and the RevoScaleR package, this book also provides insights into operationalizing code and exploring and visualizing data. To complete the journey, this book covers the new features in SQL Server 2017 and

Access Free Sql Server 2016 Reporting Services Cookbook

how they are compatible with R, amplifying their combined power. What you will learn Get an overview of SQL Server 2017 Machine Learning Services with R Manage SQL Server Machine Learning Services from installation to configuration and maintenance Handle and operationalize R code Explore RevoScaleR R algorithms and create predictive models Deploy, manage, and monitor database solutions with R Extend R with SQL Server 2017 features Explore the power of R for database administrators Who this book is for This book is for data analysts, data scientists, and database administrators with some or no experience in R but who are eager to easily deliver practical data science solutions in their day-to-day work (or future projects) using SQL Server.

This book is an easy-to-follow, comprehensive guide that is full of hands-on examples, which you can follow to successfully design, build, and deploy mission-critical database applications with SQL Server 2014. If you are a database developer, architect, or administrator who wants to learn how to design, implement, and deliver a successful database solution with SQL Server 2014, then this book is for you. Existing users of Microsoft SQL Server will also benefit from this book as they will learn what's new in the latest version.

Teach yourself how to build, manage, and access SQL Server 2008 reports—one step at a time. Whether you're a report developer, IT

Access Free Sql Server 2016 Reporting Services Cookbook

administrator, or business user, this sequential, learn-by-doing tutorial shows you how to deliver the business intelligence information your organization needs. Discover how to: Install and configure Reporting Services Put Report Builder and Report Designer tools to work Create interactive, online reports that enable users to sort and filter data Add charts and gauges to present data visually Deploy reports to Microsoft Office SharePoint Server Monitor server performance and help secure content Use subscriptions to distribute reports via e-mail Build ad hoc reports and extend them with custom code CD features: Practice exercises and code samples Fully searchable eBook For customers who purchase an ebook version of this title, instructions for downloading the CD files can be found in the ebook. Sharing, Security, and Deployment Options for Microsoft Power BI Solutions

Get the best out of Power BI by building optimized data models for reporting and business needs

Microsoft SQL Server Reporting Services Recipes

Pro Power BI Architecture

Professional Microsoft SQL Server 2016 Reporting Services and Mobile Reports

With Microsoft SQL Server 2016, a variety of new features and

enhancements to the data platform deliver breakthrough performance, advanced security, and richer, integrated reporting and analytics capabilities. In this ebook, we introduce new security features: Always Encrypted, Row-Level Security, and dynamic data masking; discuss enhancements that enable you to better manage performance and storage: TemDB configuration, query store, and Stretch Database; review several improvements to Reporting Services; and also describe AlwaysOn Availability Groups, tabular enhancements, and R integration.

Implement a Robust BI Solution with Microsoft SQL Server 2012 Equip your organization for informed, timely decision making using the expert tips and best practices in this practical guide. Delivering Business Intelligence with Microsoft SQL Server 2012, Third Edition explains how to effectively develop, customize, and distribute meaningful information to users enterprise-wide. Learn how to build data marts and create BI Semantic Models, work with the MDX and DAX languages, and share insights using Microsoft client tools.

Data mining and forecasting are also covered in this comprehensive resource. Understand the goals and components of successful BI Design, deploy, and manage data marts and OLAP cubes Load and cleanse data with SQL Server Integration Services Manipulate and analyze data using MDX and DAX scripts and queries Work with SQL Server Analysis Services and the BI Semantic Model Author interactive reports using SQL Server Data Tools Create KPIs and digital dashboards Use data mining to identify patterns, correlations, and clusters Implement time-based analytics Embed BI reports in custom applications using ADOMD.NET Create interactive cross-platform reports and dashboards using SQL Server 2016 Reporting Services About This Book Get up to speed with the newly-introduced enhancements and the more advanced query and reporting features Easily access your important data by creating visually appealing dashboards in the Power BI practical recipe Create cross-browser and cross-platform reports using SQL Server 2016 Reporting Services Who This Book Is For This book is for software professionals

who develop and implement reporting solutions using Microsoft SQL Server. It is especially relevant for professionals who are software engineers, software architects, DW/BI engineers, and DW/BI architects who perform simple to complex report authoring implementations. This book is also suitable for those who develop software solutions that integrate reporting solutions and are keen to learn about Microsoft SQL Server 2016's features and capabilities. What You Will Learn Key capabilities, architecture, and components of Reporting Services New features that have been added to Reporting Services Design the architecture for reporting solutions Design the architecture for BI solutions Implement reporting solutions using Reporting Services Improve the performance, availability, and scalability of the reporting solution Enhance reporting solutions with custom programming and improved security In Detail Microsoft SQL Server 2016 Reporting Services comes with many new features. It offers different types of reporting such as Production, Ad-hoc, Dashboard, Mash-up, and Analytical. SQL

Server 2016 also has a surfeit of new features including Mobile Reporting, and Power BI integration. This book contains recipes that explore the new and advanced features added to SQL Server 2016. The first few chapters cover recipes on configuring components and how to explore these new features. You'll learn to build your own reporting solution with data tools and report builder, along with learning techniques to create visually appealing reports. This book also has recipes for enhanced mobile reporting solutions, accessing these solutions effectively, and delivering interactive business intelligence solutions. Towards the end of the book, you'll get to grips with running reporting services in SharePoint integrated mode and be able to administer, monitor, and secure your reporting solution. This book covers about the new offerings of Microsoft SQL Server 2016 Reporting Services in comprehensive detail and uses examples of real-world problem-solving business scenarios. Style and approach This comprehensive cookbook follows a problem-solution approach to help you overcome any obstacle when creating interactive,

visually-appealing reports using SQL Server 2016 Reporting Services. Each recipe focuses on a specific task and is written in a clear, solution-focused style.

Learn SQL Server Reporting Services and become current with the 2016 edition. Develop interactive, dynamic reports that combine graphs, charts, and tabular data into attractive dashboards and reports to delight business analysts and other users of corporate data. Deliver mobile reports to anywhere and any device. Build vital knowledge of Reporting Services at a time when Microsoft's dominance in business intelligence is on the rise. Beginning SQL Server Reporting Services turns novices into skilled report developers. The book begins by explaining how to set up the development environment. It then walks you through creating your first reports using the built-in wizard. After showing what is possible, the book breaks down and explains the skills needed to create reports from scratch. And not just reports! But also dashboards with charts, graphs, and maps. Each chapter builds on knowledge gained in the previous chapters with step-by-step tutorials. SQL Server

Reporting Services is a skillset in high demand. Knowing about Reporting Services can help everyone from seasoned database administrators to mid-life career changers hoping to break into information technology. *biBeginning SQL Server Reporting Services/i/b* boosts your skills and provides you additional career options. Don't be without those options. Grab and read this book today. Build reports with and without the built-in wizard. Build interactive features such as drill-through reports. Build dashboards full of charts, graphs, and maps. Build mobile reports. What You Will Learn Set up your development environment. Organized projects and share components among reports. Create report using a wizard. Create reports from scratch, including grouping levels, parameters, and drill through features. *Build interactive dashboard with graphs, charts, and maps. Deploy and manage reports for use by others in the business. Who This Book Is For Beginning SQL Server Reporting Services is for database professionals of all experience levels who have some experience in databases and want to make the leap into business intelligence reporting. The*

book is an excellent choice for those needing to add Reporting Services to their current list of skills, or who are looking for a skill set that is in demand for in order to break into IT.

Maximize storage efficiency, performance, and security using System Center LTSC and SAC releases

Expert Data Modeling with Power BI

Microsoft SQL Server 2016: A Beginner's Guide, Sixth Edition

Applied Microsoft SQL Server 2008 Reporting Services

Microsoft SQL Server 2016 Reporting Services, Fifth Edition

Architect and deploy a Power BI solution. This book will help you understand the many available options and choose the best combination for hosting, developing, sharing, and deploying a Power BI solution within your organization. Pro Power BI Architecture provides detailed examples and explains the different methods available for sharing and securing Power BI content so that only intended recipients can see it. Commonly encountered problems you will learn to handle include content unexpectedly changing while users are in the process of creating reports and building analysis, methods of sharing analyses that don't cover all the requirements of your business or organization, and inconsistent security models. The knowledge provided in this book will allow you to choose an architecture and deployment model that suits the needs of your organization, ensuring that you do not spend your time maintaining your solution but on using it for its intended purpose and gaining business value

from mining and analyzing your organization's data. What You'll Learn Architect and administer enterprise-level Power BI solutions Choose the right sharing method for your Power BI solution Create and manage environments for development, testing, and production Implement row level security in multiple ways to secure your data Save money by choosing the right licensing plan Select a suitable connection type—Live Connection, DirectQuery, or Scheduled Refresh—for your use case Set up a Power BI gateway to bridge between on-premises data sources and the Power BI cloud service Who This Book Is For Data analysts, developers, architects, and managers who want to leverage Power BI for their reporting solution

Microsoft System Center Configuration Manager's SQL Server database contains valuable information about your users, computers, hardware, operating systems, applications, compliance status, and much more. Microsoft has provided excellent tools for extracting this information in meaningful ways, including SQL Server Reporting Services (SSRS) and SQL Server Data Tools Business Intelligence (SSDT-BI). System Center Configuration Manager Reporting Unleashed shows you how to make the most of these tools. World-renowned System Center reporting guru Garth Jones and his expert coauthors guide you through all facets of custom reporting with System Center. You'll walk through installing and configuring SSRS, using SQL views to find the data you need, writing SQL queries, creating basic and advanced reports, and using role-based administration to securely deliver those reports to the correct individuals. Jones brings together reliable, comprehensive, and up-to-date System Center reporting techniques you'll find in no other book or website. Using this guide, you can consistently retrieve the right information to solve immediate problems and quickly respond to management concerns. Detailed information on how to

- Install and configure SQL SSRS for

Access Free Sql Server 2016 Reporting Services Cookbook

optimal System Center reporting and easier troubleshooting □ Understand the data stored in the ConfigMgr site database □ Efficiently retrieve ConfigMgr data by writing SQL queries in SQL Server Management Studio □ Learn best practices for developing and designing System Center reports □ Create report templates, customize content with report parameters, and embed charts □ Customize logos, color palettes, and other report elements for your own organization □ Construct advanced drillthroughs to provide deeper understanding □ Strengthen report security by integrating ConfigMgr role-based administration into SQL queries □ Leverage reporting to measure KPIs and gain a better understanding of your environment □ Tailor your reports to the needs of end-users or management □ Foreword by Wally Mead, Principal Program Manager, Cireson The only book entirely dedicated to Configuration Manager reporting, this guide complements Meyler's System Center 2012 Configuration Manager Unleashed, offering far more in-depth coverage of reporting than the single chapter in that book. Most of the content in this new guide will be equally valuable in both System Center 2016 and 2012 environments.

Conquer SQL Server 2019 administration—from the inside out Dive into SQL Server 2019 administration—and really put your SQL Server DBA expertise to work. This supremely organized reference packs hundreds of timesaving solutions, tips, and workarounds—all you need to plan, implement, manage, and secure SQL Server 2019 in any production environment: on-premises, cloud, or hybrid. Six experts thoroughly tour DBA capabilities available in SQL Server 2019 Database Engine, SQL Server Data Tools, SQL Server Management Studio, PowerShell, and Azure Portal. You'll find extensive new coverage of Azure SQL, big data clusters, PolyBase, data protection, automation, and more. Discover how

Access Free Sql Server 2016 Reporting Services Cookbook

experts tackle today's essential tasks—and challenge yourself to new levels of mastery. Explore SQL Server 2019's toolset, including the improved SQL Server Management Studio, Azure Data Studio, and Configuration Manager Design, implement, manage, and govern on-premises, hybrid, or Azure database infrastructures Install and configure SQL Server on Windows and Linux Master modern maintenance and monitoring with extended events, Resource Governor, and the SQL Assessment API Automate tasks with maintenance plans, PowerShell, Policy-Based Management, and more Plan and manage data recovery, including hybrid backup/restore, Azure SQL Database recovery, and geo-replication Use availability groups for high availability and disaster recovery Protect data with Transparent Data Encryption, Always Encrypted, new Certificate Management capabilities, and other advances Optimize databases with SQL Server 2019's advanced performance and indexing features Provision and operate Azure SQL Database and its managed instances Move SQL Server workloads to Azure: planning, testing, migration, and post-migration Find the right information and present it the right way Take full advantage of all SQL Server Reporting Services can do for you Without a way to interpret it, the data in your database just sits there doing nothing. Now you have help! This handy guide shows you how to retrieve data and create reports with the newest version of SQL Server Reporting Services, so you can deliver both hard copy and interactive, Web-based reports that tell your story. Discover how to Access information from different databases Build the right queries Choose the best report type Move from other reporting tools Deliver reports on demand Produce drill-down and drill-through reports Getting, transforming, and preparing the data. The first step towards data analysis

Building Performance Dashboards and Balanced Scorecards with SQL Server Reporting Services

SQL Server 2016 bao biao she ji yu BI jie jue fang an

Exam Ref 70-761 Querying Data with Transact-SQL

Distribute Actionable, Timely BI with Microsoft® SQL Server® 2016 and Power BI Drive better, faster, more informed decision making across your organization using the expert best practices featured in this hands-on guide. Delivering Business Intelligence with Microsoft SQL Server 2016, Fourth Edition, shows, step-by-step, how to distribute high-performance custom analytics to users enterprise-wide. Discover how to build BI Semantic Models, data marts and OLAP cubes, write MDX and DAX scripts, and share insights using Microsoft client tools. The book includes coverage of self-service business intelligence with Power BI. Understand the goals and components of successful BI • Build data marts, OLAP cubes and Tabular models • Load and cleanse data with SQL Server Integration Services • Manipulate and analyze data using MDX and DAX scripts and queries • Work with SQL Server Analysis Services and the BI Semantic Model • Author interactive reports using SQL Server Data Reporting • Create KPIs and digital dashboards • Implement time-based analytics • Embed data model content in custom applications using ADOMD.NET • Use Power BI to gather, model, and visualize data in a self-service environment

Manage and work with business data effectively by learning data modeling techniques leveraging the latest features of Power BI Key Features Understand data modeling techniques

to get the best out of data using Power BI Define the relationships between data to e
valuable insights Solve a wide variety of business challenges by building optimal data n
Book Description Microsoft Power BI is one of the most popular business intelligence
available on the market for desktop and the cloud. This book will be your guide to
understanding the ins and outs of data modeling and how to create data models using
confidently. You'll learn how to connect data from multiple sources, understand data, o
manage relationships between data, and shape data models. In this book, you'll explore
use data modeling and navigation techniques to define relationships and create a data
before defining new metrics and performing custom calculations using modeling featur
you advance through the chapters, the book will demonstrate how to create full-flegd
models, enabling you to create efficient data models and simpler DAX code with new o
modeling features. With the help of examples, you'll discover how you can solve busine
challenges by building optimal data models and changing your existing data models to
evolving business requirements. Finally, you'll learn how to use some new and advance
modeling features to enhance your data models to carry out a wide variety of complex
the end of this Power BI book, you'll have gained the skills you need to structure data
from multiple sources in different ways to create optimized data models that support
and data analytics. What you will learn Implement virtual tables and time intelligence
functionalities in DAX to build a powerful model Identify Dimension and Fact tables and
implement them in Power Query Editor Deal with advanced data preparation scenarios

building Star Schema Explore best practices for data preparation and data modeling Discover different hierarchies and their common pitfalls Understand complex data models and how to decrease the level of model complexity with different data modeling approaches Who this book is for This MS Power BI book is for BI users, data analysts, and analysis developers who want to become well-versed with data modeling techniques to make the most of Power BI. Existing knowledge of Power BI and Star Schema will help you to understand the concepts covered in this book.

Delivering Business Intelligence with Microsoft SQL Server 2016, Fourth Edition
Microsoft System Center