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Implementing business intelligence is a strategic activity that channels the outcomes of performance throughout the healthcare organization and its stakeholders. Additionally, business intelligence provides a visual, high-level view of historical trends, current operations and predictive analysis. Through insightful chapters written by industry

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experts and numerous, real-world case studies, this book demonstrates myriad practical and proven steps to developing a business intelligence solution, including pre- and post-implementation issues. This book is packed with information that will help you and your organization raise awareness of hidden business intelligence, generate improved analytical data and spread the access to this new information across the continuum of care. 2012. Business intelligence (BI) software is the code and

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tools that allow you to view different components of a business using a single visual platform, making comprehending mountains of data easier. Applications that include reports, analytics, statistics, and historical and predictive modeling are all examples of BI applications. Currently, we are in the second generation of BI software, called BI 2.0. This generation is focused on writing BI software that is predictive, adaptive, simple, and interactive. As computers and software

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have evolved, more data can be presented to end users with increasingly visually rich techniques.

Rich Internet application (RIA) technologies such as Microsoft Silverlight can be used to transform traditional user interfaces filled with boring data into fully interactive analytical applications to deliver insight from large data sets quickly. Furthermore, RIAs include 3D spatial design capabilities that allow for interesting layouts of aggregated data beyond a simple list or

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grid. BI 2.0 implemented
via RIA technology can
truly bring out the power
of BI and deliver it to an
average user via the Web.
Next-Generation Business
Intelligence Software with
Rich Internet Applications
provides developers,
designers, and architects
a solid foundation of BI
design and architecture
concepts with Microsoft
Silverlight. This book
covers key BI design
concepts and how they can
be applied without
requiring an existing BI
infrastructure. The
author, Bart Czernicki,

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will show you how to build small BI applications by example that are interactive, highly visual, statistical, predictive, and most importantly, intuitive to the user. BI isn't just for the executive branch of a Fortune 500 company; it is for the masses. Let Next-Generation Business Intelligence Software with Rich Internet Applications show you how to unlock the rich intelligence you already have.

Focus on SAP business analytics business gains, key features, and

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implementation. The book includes example implementations of SAP business analytics, the challenges faced, and the solutions implemented. SAP Business Analytics explains both the strategy and technical implementation for gathering and analyzing all the information pertaining to an organization. Key features of the book are: A 360-degree view of an organization's data and the methods to gather and analyze that data The strategies that need to be

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in place to gather relevant data from disparate systems Details about the SAP business analytics suite of products The technical implementations used to gather data from disparate systems such as ERP and CRM Real business cases as examples Analytics is the driving force in today's business, be it healthcare, marketing, telecommunications, or retail and hence the most vital part of any organization's strategy. What You'll Learn Gain an understanding of business

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analytics in general
Absorb the technical
details of the SAP
business analytics suite

of products Discover the
challenges faced during an
enterprise-level analytics
project implementation

Learn the key points to be
kept in mind during the
technical implementation
of an SAP business

analytics project Who This
Book Is For Analytics
strategists, BI managers,
BI architects, business
analysts, and BI
developers.

A Manager's Guide to Data
Warehousing

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**Business Intelligence
Comprehensive Guide For
Guidebook**

Create Value by

**Integrating Analytical
Processes, Technology, and
People Into Business
Operations**

**Agile Data Warehousing
Lessons from the Trenches,
Third Edition**

**Testing Bi and Etl
Applications With Manual
and Automation Approach**

**The Microsoft® Data
Warehouse Toolkit**

"This book provides the latest ideas
and research on advancing the
understanding and implementation of
business intelligence within
organizations"--Provided by publisher.
A Complete Blueprint for Maximizing

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the Value of Business Intelligence in the Enterprise The typical enterprise recognizes the immense potential of business intelligence (BI) and its impact upon many facets within the organization—but it's not easy to transform BI's potential into real business value. In *The New Era of Enterprise Business Intelligence*, top BI expert Mike Biere presents a complete blueprint for creating winning BI strategies and infrastructure, and systematically maximizing the value of information throughout the enterprise. This product-independent guide brings together start-to-finish guidance and practical checklists for every senior IT executive, planner, strategist, implementer, and the actual business users themselves. Drawing on thousands of hours working with enterprise customers, Biere helps

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decision-makers choose from today's unprecedented spectrum of options, including the latest BI platform suites and appliances. He offers practical, "in-the-trenches" insights on a wide spectrum of planning and implementation issues, from segmenting and supporting users to working with unstructured data.

Coverage includes Understanding the scope of today's BI solutions and how they fit into existing infrastructure Assessing new options such as SaaS and cloud-based technologies Avoiding technology biases and other "project killers" Developing effective RFIs/RFPs and proofs of concept Setting up competency centers and planning for skills development Crafting a better experience for all your business users Supporting the requirements of senior executives, including performance

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management Cost-justifying BI solutions and measuring success Working with enterprise content management, text analytics, and search Planning and constructing portals, mashups, and other user interfaces Previewing the future of BI

Big Data Analytics and Intelligence is essential reading for researchers and experts working in the fields of health care, data science, analytics, the internet of things, and information retrieval.

This book is designed to be an ancillary to the classes, labs, and hands on practice that you have diligently worked on in preparing to obtain your MB-200 & MB-400: Microsoft Certified: Power Apps + Dynamics 365 Developer Associate certification. I won't bother talking about the benefits of certifications. This book tries to

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reinforce the knowledge that you have gained in your process of studying. It is meant as one of the end steps in your preparation for the MB-200 & MB-400

exams. This book is short, but It will give you a good gauge of your readiness. Learning can be seen in 4 stages: 1. Unconscious Incompetence 2. Conscious Incompetence 3. Conscious Competence 4.

Unconscious Competence This book will assume the reader has already gone through the needed classes, labs, and practice. It is meant to take the reader from stage 2, Conscious Incompetence, to stage 3 Conscious Competence. At stage 3, you should be ready to take the exam. Only real-world scenarios and work experience will take you to stage 4, Unconscious Competence. Before we get started, we all have doubts when preparing to take

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an exam. What is your reason and purpose for taking this exam?

Remember your reason and purpose when you have some doubts. Obstacle is the way. Control your mind, attitude, and you can control the situation. Persistence leads to confidence. Confidence erases doubts.

Oracle Business Intelligence

Applications: Deliver Value Through Rapid Implementations

Open Source Data Warehousing and Business Intelligence

Agile Data Warehousing for the Enterprise

Learning Journeys for the Whole Team

Building a Data Warehouse

Extreme Scoping

IBM Cognos Business Intelligence v10

Between the high-level concepts of business

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intelligence and the nitty-gritty instructions for using vendors' tools lies the essential, yet poorly-understood layer of architecture, design and process. Without this knowledge, Big Data is belittled – projects flounder, are late and go over budget. Business Intelligence Guidebook: From Data Integration to Analytics shines a bright light on an often neglected topic, arming you with the knowledge you need to design rock-solid business intelligence and data integration processes.

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Practicing consultant and adjunct BI professor Rick Sherman takes the guesswork out of creating systems that are cost-effective, reusable and essential for transforming raw data into valuable information for business decision-makers. After reading this book, you will be able to design the overall architecture for functioning business intelligence systems with the supporting data warehousing and data-integration applications. You will have the information you need to get a project launched, developed, managed and delivered on

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time and on budget – turning the deluge of data into actionable information that fuels business knowledge. Finally, you'll give your career a boost by demonstrating an essential knowledge that puts corporate BI projects on a fast-track to success. Provides practical guidelines for building successful BI, DW and data integration solutions. Explains underlying BI, DW and data integration design, architecture and processes in clear, accessible language. Includes the complete project development lifecycle that can be applied at large enterprises

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as well as at small to medium-sized businesses Describes best practices and pragmatic approaches so readers can put them into action.

Companion website includes templates and examples, further discussion of key topics, instructor materials, and references to trusted industry sources.

Business Intelligence Strategy and Big Data Analytics is written for business leaders, managers, and analysts - people who are involved with advancing the use of BI at their companies or who need to better understand what BI is

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and how it can be used to improve profitability. It is written from a general management perspective, and it draws on observations at 12 companies whose annual revenues range between \$500 million and \$20 billion. Over the past 15 years, my company has formulated vendor-neutral business-focused BI strategies and program execution plans in collaboration with manufacturers, distributors, retailers, logistics companies, insurers, investment companies, credit unions, and utilities, among others. It is

through these experiences that we have validated business-driven BI strategy formulation methods and identified common enterprise BI program execution challenges. In recent years, terms like “big data” and “big data analytics” have been introduced into the business and technical lexicon. Upon close examination, the newer terminology is about the same thing that BI has always been about: analyzing the vast amounts of data that companies generate and/or purchase in the course of business as a means of

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improving profitability and competitiveness. Accordingly, we will use the terms BI and business intelligence throughout the book, and we will discuss the newer concepts like big data as appropriate. More broadly, the goal of this book is to share methods and observations that will help companies achieve BI success and thereby increase revenues, reduce costs, or both.

Provides ideas for improving the business performance of one's company or business functions Emphasizes proven, practical, step-by-step

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methods that readers can readily apply in their companies Includes exercises and case studies with road-tested advice about formulating BI strategies and program plans

Contains a six-stage plan for starting new warehouse projects and guiding programmers step-by-step until they become a world-class, Agile development team. It describes also how to avoid or contain the fierce opposition that radically new methods can encounter from the traditionally-minded IS departments found in many

large companies.

**Aimed at helping business and
IT managers clearly**

**communicate with each other,
this helpful book addresses
concerns straight-on and
provides practical methods to
building a collaborative data
warehouse . You'll get clear
explanations of the goals and
objectives of each stage of the
data warehouse lifecycle while
learning the roles that both
business managers and
technicians play at each stage.
Discussions of the most
critical decision points for
success at each phase of the
data warehouse lifecycle help**

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you understand ways in which both business and IT management can make decisions that best meet unified objectives.

InfoWorld

Testing Data Vault-based Data Warehouse

The Definitive Guide to Dimensional Modeling

Using Analytics to Achieve a Global Competitive Advantage Implementing Business

Intelligence in Your Healthcare Organization

Concepts, Methodologies, Tools and Applications

The Data Warehouse Toolkit

For more than 40 years,

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Computerworld has been the leading source of technology news and information for IT influencers

worldwide. Computerworld's award-winning Web site

(Computerworld.com), twice-monthly publication, focused conference series and custom research form the hub of the world's largest global IT media network.

Here is the ideal field guide for data warehousing implementation. This book first teaches you how to build a data warehouse, including defining the architecture, understanding the methodology, gathering the requirements, designing the data models, and creating the databases. Coverage then explains how to populate the data warehouse and

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explores how to present data to users using reports and multidimensional databases and how to use the data in the data warehouse for business intelligence, customer relationship management, and other purposes. It also details testing and how to administer data warehouse operation. The quality of a data warehouse (DWH) is the elusive aspect of it, not because it is hard to achieve [once we agree what it is], but because it is difficult to describe. We propose the notion that quality is not an attribute or a feature that a product has to possess, but rather a relationship between that product and each and every stakeholder. More specifically, the relationship between the software quality and the organization that

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produces the products is explored. Quality of data that populates the DWH is the main concern of the book, therefore we propose a definition for data quality as: "fitness to serve each and every purpose". Methods are proposed throughout the book to help readers achieve data warehouse quality. Software development continues to be an ever-evolving field as organizations require new and innovative programs that can be implemented to make processes more efficient, productive, and cost-effective. Agile practices particularly have shown great benefits for improving the effectiveness of software development and its maintenance due to their ability to adapt to change. It is integral to remain up to date with the most emerging

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tactics and techniques involved in the development of new and innovative software. The Research Anthology on Agile Software, Software Development, and Testing is a comprehensive resource on the emerging trends of software development and testing. This text discusses the newest developments in agile software and its usage spanning multiple industries. Featuring a collection of insights from diverse authors, this research anthology offers international perspectives on agile software. Covering topics such as global software engineering, knowledge management, and product development, this comprehensive resource is valuable to software developers, software engineers,

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computer engineers, IT directors,
students, managers, faculty,
researchers, and academicians.

Business Intelligence Strategy and Big
Data Analytics

Developing a Data Warehouse for the
Healthcare Enterprise

Testing the Data Warehouse Practicum
The Complete Guide

Achieving ROI with Market Basket
Analysis and Time Variance

Virtualized Business Intelligence with
InfoSphere Warehouse

From Data Integration to Analytics

Market Basket Analysis
(MBA) provides the ability
to continually monitor the
affinities of a business
and can help an
organization achieve a key

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competitive advantage.

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Time Variant data enables
data warehouses to
directly associate events
in the past with the
participants in each
individual event. In the
past however, the use of
these powerful tools in
tandem led to performance
degradation and resulted
in unactionable and even
damaging information. Data

Warehouse Designs:

Achieving ROI with Market
Basket Analysis and Time
Variance presents an
innovative, soup-to-nuts
approach that successfully
combines what was

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previously incompatible, without degradation, and uses the relational architecture already in place. Built around two main chapters, Market Basket Solution Definition and Time Variant Solution Definition, it provides a tangible how-to design that can be used to facilitate MBA within the context of a data warehouse. Presents a solution for creating home-grown MBA data marts Includes database design solutions in the context of Oracle, DB2, SQL Server, and Teradata

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relational database management systems (RDBMS)

Explains how to extract, transform, and load data

used in MBA and Time

Variant solutions The book

uses standard RDBMS

platforms, proven database structures, standard SQL

and hardware, and software and practices already

accepted and used in the

data warehousing community

to fill the gaps left by

most conceptual

discussions of MBA. It

employs a form and

language intended for a

data warehousing audience

to explain the

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practicality of how data is delivered, stored, and viewed. Offering a comprehensive explanation of the applications that provide, store, and use MBA data, Data Warehouse Designs provides you with the language and concepts needed to require and receive information that is relevant and actionable.

Do your business intelligence (BI) projects take too long to deliver? Is the value of the deliverables less than satisfactory? Do these projects propagate poor

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data management practices? If you screamed “yes” to any of these questions, read this book to master a proven approach to building your enterprise data warehouse and BI initiatives. Extreme Scoping, based on the Business Intelligence Roadmap, will show you how to build analytics applications rapidly yet not sacrifice data management and enterprise architecture. In addition, all of the roles required to deliver all seven steps of this agile methodology are explained along with

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many real-world examples.

From Wayne Eckerson's

Foreword I've read many

books about data

warehousing and business

intelligence (BI). This

book by Larissa Moss is

one of the best. I should

not be surprised. Larissa

has spent years refining

the craft of designing,

building, and delivering

BI applications. Over the

years, she has developed a

keen insight about what

works and doesn't work in

BI. This book brings to

light the wealth of that

development experience.

Best of all, this is not

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some dry text that laboriously steps readers through a technical methodology. Larissa expresses her ideas in a clear, concise, and persuasive manner. I highlighted so many beautifully written and insightful paragraphs in her manuscript that it became comical. I desperately wanted the final, published book rather than the manuscript so I could dog-ear it to death and place it front-and-center in my office bookshelf! From David Well's Foreword Extreme

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Scoping is rich with advice and guidance for virtually every aspect of BI projects from planning and requirements to deployment and from back-end data management to front-end information and analytics services.

Larissa is both a pragmatist and an independent thinker. Those qualities come through in the style of this book.

Extreme Scoping is a well-written book that is easy to absorb. It is not full of surprises. It is filled with a lot of common sense and lessons learned

through experience.

The quality of a data warehouse (DWH) is the elusive aspect of it, not because it is hard to achieve [once we agree what it is], but because it is difficult to describe. We propose the notion that quality is not an attribute or a feature that a product has to possess, but rather a relationship between that product and each and every stakeholder. More specifically, the relationship between the software quality and the organization that produces

the products is explored. Quality of data that populates the DWH is the main concern of the book, therefore we propose a definition for data quality as: fitness to serve each and every purpose. Methods are proposed throughout the book to help readers achieve data warehouse quality.

Using Agile methods, you can bring far greater innovation, value, and quality to any data warehousing (DW), business intelligence (BI), or analytics project.

However, conventional Agile methods must be carefully adapted to address the unique characteristics of DW/BI projects. In Agile Analytics, Agile pioneer Ken Collier shows how to do just that. Collier introduces platform-agnostic Agile solutions for integrating infrastructures consisting of diverse operational, legacy, and specialty systems that mix commercial and custom code. Using working examples, he shows how to manage analytics

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development teams with widely diverse skill sets and how to support enormous and fast-growing data volumes. Collier's techniques offer optimal value whether your projects involve "back-end" data management, "front-end" business analysis, or both. Part I focuses on Agile project management techniques and delivery team coordination, introducing core practices that shape the way your Agile DW/BI project community can collaborate toward success Part II presents technical

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methods for enabling continuous delivery of business value at production-quality levels, including evolving superior designs; test-driven DW development; version control; and project automation Collier brings together proven solutions you can apply right now--whether you're an IT decision-maker, data warehouse professional, database administrator, business intelligence specialist, or database developer. With his help, you can mitigate project risk, improve business

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alignment, achieve better
Comprehensive Guide For
results--and have fun
Business Intelligence Project
along the way.
Evaluation

The Profit Impact of
Business Intelligence
Computer Engineering:
Concepts, Methodologies,
Tools and Applications
Business Intelligence
Demystified

Complete Guide to Test
Automation

SAP Business Analytics
Assuring Data Content,
Data Structures and
Quality

A Value-driven Approach to
Business Intelligence and
Data Warehousing

Implement Oracle Business

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Intelligence Applications Provide actionable business intelligence across the enterprise to enable informed decision-making and streamlined business processes. Oracle Business Intelligence Applications: Deliver Value Through Rapid Implementations shows how to justify, configure, customize, and extend this complete package of BI solutions. You'll get a technical walkthrough of Oracle Business Intelligence Applications architecture--from the dashboard to the data source--followed by best practices for maximizing the powerful features of each application. You will also find out about stakeholders critical to project approval and success. Optimize performance using

Oracle Exalytics In-Memory
Machine Deliver timely financial
information to managers with
Oracle Financial Analytics Enable
a streamlined, demand-driven
supply chain via Oracle Supply
Chain and Order Management
Analytics Provide end-to-end
visibility into manufacturing
operations with Oracle
Manufacturing Analytics
Optimize supply-side
performance through Oracle
Procurement and Spend
Analytics Use Oracle Human
Resources Analytics to provide
key workforce information to
managers and HR professionals
Track the costs and labor
required to maintain and operate
assets with Oracle Enterprise
Asset Management Analytics

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Maintain visibility into project performance via Oracle Project Analytics Provide actionable insight into sales opportunities using Oracle Sales Analytics Enable superior customer service with Oracle Service Analytics This third edition to the award-winning book is a straightforward view of a clinical data warehouse development project, from inception through implementation and follow-up. Through first-hand experiences from individuals charged with such an implementation, this book offers guidance and multiple perspectives on the data warehouse development process – from the initial vision to system-wide release. The book provides valuable lessons learned during a

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data warehouse implementation at King Faisal Specialist Hospital and Research Center (KFSH&RC) in Riyadh, Saudi Arabia - a large, modern, tertiary-care hospital with an IT environment that parallels a typical U.S. hospital. This book also examines the value of the data warehouse from the perspectives of a large healthcare system in the U.S. and a corporate health services business unit. Special features of the book include a sample RFP, data warehouse project plan, and information analysis template. A helpful glossary and acronyms list are included.

The Profit Impact of Business Intelligence presents an A-to-Z approach for getting the most business intelligence (BI) from a

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company's data assets or data warehouse. BI is not just a technology or methodology, it is a powerful new management approach that - when done right - can deliver knowledge, efficiency, better decisions, and profit to almost any organization that uses it. When BI first came on the scene, it promised a lot but often failed to deliver. The missing element was the business-centric focus explained in this book. It shows how you can achieve the promise of BI by connecting it to your organization's strategic goals, culture, and strengths while correcting your BI weaknesses. It provides a practical, process-oriented guide to achieve the full promise of BI; shows how world-

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class companies used BI to become leaders in their industries; helps senior business and IT executives understand the strategic impact of BI and how they can ensure a strong payoff from their BI investments; and identifies the most common mistakes organizations make in implementing BI. The book also includes a helpful glossary of BI terms; a BI readiness assessment for your organization; and Web links and extensive references for more information. A practical, process-oriented book that will help organizations realize the promise of BI

Written by Nancy and Steve Williams, veteran consultants and instructors with hands-on, "in the trenches" experience in government and

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corporate business intelligence applications Will help senior business and IT executives

understand the strategic impact of BI and how they can help ensure a strong payoff on BI investments

Janet Gregory and Lisa Crispin pioneered the agile testing discipline with their previous work, *Agile Testing*. Now, in *More Agile Testing*, they reflect on all they've learned since. They address crucial emerging issues, share evolved agile practices, and cover key issues agile testers have asked to learn more about. Packed with new examples from real teams, this insightful guide offers detailed information about adapting agile testing for your environment; learning from

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experience and continually improving your test processes; scaling agile testing across teams; and overcoming the pitfalls of automated testing. You'll find brand-new coverage of agile testing for the enterprise, distributed teams, mobile/embedded systems, regulated environments, data warehouse/BI systems, and DevOps practices. You'll come away understanding

- How to clarify testing activities within the team
- Ways to collaborate with business experts to identify valuable features and deliver the right capabilities
- How to design automated tests for superior reliability and easier maintenance
- How agile team members can improve and

expand their testing skills • How to plan “just enough,” balancing small increments with larger feature sets and the entire system • How to use testing to identify and mitigate risks associated with your current agile processes and to prevent defects • How to address challenges within your product or organizational context • How to perform exploratory testing using “personas” and “tours” • Exploratory testing approaches that engage the whole team, using test charters with session- and thread-based techniques • How to bring new agile testers up to speed quickly—without overwhelming them Janet Gregory is founder of DragonFire Inc., an agile quality process

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consultancy and training firm. Her passion is helping teams build quality systems. For almost fifteen years, she has worked as a coach and tester, introducing agile practices into companies of all sizes and helping users and testers understand their agile roles. She is a frequent speaker at agile and testing software conferences, and is a major contributor to the agile testing community. Lisa Crispin, an experienced agile testing practitioner and coach, regularly leads conference workshops on agile testing and contributes frequently to agile software publications. She enjoys collaborating as part of an awesome agile team to produce quality software. Since 1982, she

has worked in a variety of roles on software teams, in a wide range of industries. She joined her first agile team in 2000 and continually learns from other teams and practitioners.

The Complete Project Lifecycle
for Decision-support Applications

Data Warehouse Designs

Building a Digital Analytics

Organization

Business Intelligence Roadmap

Research Anthology on Agile

Software, Software Development,
and Testing

With Examples in SQL Server

Author's abstract: Data warehouse (DW) projects are undertakings that require integration of disparate sources of data, a well-defined mapping of the source data to the reconciled data, and effective Extract, Transform, and Load (ETL)

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processes. Owing to the complexity of data warehouse projects, great emphasis must be placed on an agile-based approach with properly developed and executed test plans throughout the various stages of designing, developing, and implementing the data warehouse to mitigate against budget overruns, missed deadlines, low customer satisfaction, and outright project failures. Yet, there are often attempts to test the data warehouse exactly like traditional back-end databases and legacy applications, or to downplay the role of quality assurance (QA) and testing, which only serve to fuel the frustration and mistrust of data warehouse and business intelligence (BI) systems. In spite of this, there are a number of steps that can be taken to ensure DW/BI solutions are successful, highly trusted, and stable. In particular, adopting a Data Vault (DV)-based

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Enterprise Data Warehouse (EDW) can simplify and enhance various aspects of testing, and curtail delays common in non-DV based DW projects. A major area of focus in this research is raw DV loads from source systems, keeping transformations to a minimum in the ETL process which loads the DV from the source. Certain load errors, classified as permissible errors and enforced by business rules, are kept in the Data Vault until correct values are supplied. Major transformation activities are pushed further downstream to the next ETL process which loads and refreshes the Data Mart (DM) from the Data Vault. This software will enable the user to learn about business intelligence roadmap.

Updated new edition of Ralph Kimball's groundbreaking book on dimensional modeling for data warehousing and

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businessintelligence! The first edition of Ralph Kimball's The Data Warehouse Toolkit introduced the industry to dimensional modeling, and now his books are considered the most authoritative guides in this space. This new third edition is a complete library of updated dimensional modeling techniques, the most comprehensive collection ever. It covers new and enhanced star schema dimensional modeling patterns, adds two new chapters on ETL techniques, includes new and expanded business matrices for 12 case studies, and more. Authored by Ralph Kimball and Margy Ross, known worldwide as educators, consultants, and influential thought leaders in data warehousing and business intelligence Begins with fundamental design recommendations and progresses through increasingly complex

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scenarios Presents unique modeling techniques for business applications such as inventory management, procurement, invoicing, accounting, customer relationship management, big data analytics, and more Draws real-world case studies from a variety of industries, including retail sales, financial services, telecommunications, education, health care, insurance, e-commerce, and more Design dimensional databases that are easy to understand and provide fast query response with The Data Warehouse Toolkit: The Definitive Guide to Dimensional Modeling, 3rd Edition. Open Source Data Warehousing and Business Intelligence is an all-in-one reference for developing open source based data warehousing (DW) and business intelligence (BI) solutions that are business-centric, cross-customer viable, cross-functional, cross-technology

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based, and enterprise-wide. Considering the entire lifecycle of an open source DW

More Agile Testing

An Agile Approach to Enterprise Data Warehousing and Business Intelligence

The Data Warehouse Lifecycle Toolkit

Next-Generation Business Intelligence

Software with Silverlight 3

A Perspective for Health Care

Cross-Disciplinary Applications

With SQL ServerÂ 2005 and the

Microsoft Business Intelligence Toolset

Maximize the Value of Business

Intelligence with IBM Cognos v10 --

Hands-on, from Start to Finish This easy-

to-use, hands-on guide brings together all

the information and insight you need to

drive maximum business value from IBM

Cognos v10. Long-time IBM Cognos

expert and product designer Sangeeta

Gautam thoroughly illuminates Cognos BI

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v10 ' s key capabilities: analysis, query, reporting, and dashboards. Gautam shows how to take full advantage of each key IBM Cognos feature, including brand-new innovations such as Active Reports and the new IBM Cognos Workspace report consumption environment. She concludes by walking you through successfully planning and implementing an integrated business intelligence solution using IBM ' s best-practice methodologies. The first and only guide of its kind, IBM Cognos Business Intelligence v10 offers expert insights for BI designers, architects, developers, administrators, project managers, nontechnical end-users, and partners throughout all areas of the business—from sales and marketing to operations and lines of business. If you ' re pursuing official IBM Cognos certification, you ' ll also find Cognos certification sample questions and information to help

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you with the certification process.

Comprehensive Guide For
Cognos BI ' s components and open, extensible architecture • Working with IBM Cognos key “ studio ” tools: Analysis Studio, Query Studio, Report Studio, and Event Studio • Developing and managing powerful reports that draw on the rich capabilities of IBM Cognos Workspace and Workspace Advanced • Designing Star Schema databases and metadata models to answer the questions your organization cares about most • Efficiently maintaining and systematically securing IBM Cognos BI environments and their objects • Using IBM Cognos Connection as your single point of entry to all corporate data • Building interactive, easy-to-manage Active Reports for casual business users • Using new IBM Cognos BI v10.1 Dynamic Query Mode (DQM) to improve performance with complex

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- Identifying, exploring, and exploiting hidden data relationships
- Creating quick ad hoc queries that deliver fast answers
- Establishing user and administrator roles

Rely on this robust and thorough guide to build and maintain successful test automation. As the software industry shifts from traditional waterfall paradigms into more agile ones, test automation becomes a highly important tool that allows your development teams to deliver software at an ever-increasing pace without compromising quality. Even though it may seem trivial to automate the repetitive tester ' s work, using test automation efficiently and properly is not trivial. Many test automation endeavors end up in the “ graveyard ” of software projects. There are many things that affect the value of test automation, and also its costs. This book aims to cover all of these aspects in great

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detail so you can make decisions to create the best test automation solution that will not only help your test automation project to succeed, but also allow the entire software project to thrive. One of the most important details that affects the success of the test automation is how easy it is to maintain the automated tests. Complete Guide to Test Automation provides a detailed hands-on guide for writing highly maintainable test code. What You ' ll Learn Know the real value to be expected from test automation Discover the key traits that will make your test automation project succeed Be aware of the different considerations to take into account when planning automated tests vs. manual tests Determine who should implement the tests and the implications of this decision Architect the test project and fit it to the architecture of the tested application Design and implement highly reliable

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automated tests Begin gaining value from test automation earlier Integrate test automation into the business processes of the development team Leverage test automation to improve your organization's performance and quality, even without formal authority Understand how different types of automated tests will fit into your testing strategy, including unit testing, load and performance testing, visual testing, and more Who This Book Is For Those involved with software development such as test automation leads, QA managers, test automation developers, and development managers. Some parts of the book assume hands-on experience in writing code in an object-oriented language (mainly C# or Java), although most of the content is also relevant for nonprogrammers.

Clear your doubts about Business Intelligence and start your new journey

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KEY FEATURES Includes successful methods and innovative ideas to achieve success with BI. Vendor-neutral, unbiased, and based on experience.

Highlights practical challenges in BI journeys. Covers financial aspects along with technical aspects. Showcases multiple BI organization models and the structure of BI teams. **DESCRIPTION**

The book demystifies misconceptions and misinformation about BI. It provides clarity to almost everything related to BI in a simplified and unbiased way. It covers topics right from the definition of BI, terms used in the BI definition, coinage of BI, details of the different main uses of BI, processes that support the main uses, side benefits, and the level of importance of BI, various types of BI based on various parameters, main phases in the BI journey and the challenges faced in each of the phases in the BI journey. It clarifies myths

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about self-service BI and real-time BI. The book covers the structure of a typical internal BI team, BI organizational models, and the main roles in BI. It also clarifies the doubts around roles in BI. It explores the different components that add to the cost of BI and explains how to calculate the total cost of the ownership of BI and ROI for BI. It covers several ideas, including unconventional ideas to achieve BI success and also learn about IBI. It explains the different types of BI architectures, commonly used technologies, tools, and concepts in BI and provides clarity about the boundary of BI w.r.t technologies, tools, and concepts. The book helps you lay a very strong foundation and provides the right perspective about BI. It enables you to start or restart your journey with BI.

WHAT YOU WILL LEARN Builds a strong conceptual foundation in BI.

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Gives the right perspective and clarity on BI uses, challenges, and architectures.

Enables you to make the right decisions on the BI structure, organization model, and budget. Explains which type of BI solution is required for your business.

Applies successful BI ideas. WHO THIS BOOK IS FOR This book is a must-read for business managers, BI aspirants, CxOs, and all those who want to drive the business value with data-driven insights.

TABLE OF CONTENTS 1. What is Business Intelligence? 2. Why do Businesses need BI? 3. Types of Business Intelligence 4. Challenges in Business Intelligence 5. Roles in Business Intelligence 6. Financials of Business Intelligence 7. Ideas for Success with BI 8. Introduction to IBI 9. BI Architectures 10. Demystify Tech, Tools, and Concepts in BI

Drive maximum business value from

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digital analytics, web analytics, site analytics, and business intelligence! In **Building a Digital Analytics Organization**, pioneering expert Judah Phillips thoroughly explains digital analytics to business practitioners, and presents best practices for using it to reduce costs and increase profitable revenue throughout the business. Phillips covers everything from making the business case through defining and executing strategy, and shows how to successfully integrate analytical processes, technology, and people in all aspects of operations. This unbiased and product-independent guide is replete with examples, many based on the author's own extensive experience. Coverage includes: key concepts; focusing initiatives and strategy on business value, not technology; building an effective analytics organization; choosing the right tools (and understanding their limitations); creating

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processes and managing data; analyzing paid, owned, and earned digital media; performing competitive and qualitative analyses; optimizing and testing sites; implementing integrated multichannel digital analytics; targeting consumers; automating marketing processes; and preparing for the revolutionary “ analytical economy. ” For all business practitioners interested in analytics and business intelligence in all areas of the organization.

A Guide for Solution Architects and Project Leaders

The Complete Project Lifecycle for Decision-Support Applications

A Comprehensive Guide for Business Intelligence Project Evaluation

Computerworld

Understand and Clear All Your Doubts and Misconceptions About BI (English Edition)

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With the benefit of advanced analytics such as online analytical processing (OLAP), data mining, and text analytics, the IBM® InfoSphere® Warehouse Enterprise Edition brings sophisticated business intelligence (BI) to warehouse users. InfoSphere Warehouse allows you to run extreme concurrent query volumes that can help answer questions for all types of business users, while consistently meeting service level requirements. Combined with a virtualization platform and a solid BI solution, such as IBM

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Cognos® , you can deliver BI cloud services with improved flexibility and speed to your clients, thereby presenting a new avenue for which your services can be offered. This IBM Redbooks® publication discusses the deployment of a BI cloud solution. It includes details such as understanding the architecture of a cloud, planning implementation, integrating various software components, and understanding the preferred practices of running a cloud deployment. Essentially, this book can be used as a guide by anyone who is interested in deploying a virtualized environment for a BI cloud

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The BI Projects are heart of the any business organization. The IT departments need to struggle a lot to bring them into a good shape by spending thousands of man days efforts towards data validation, cleansing, transforming, consolidating and presenting to the users. At the same time the BI Project evaluation for its implementation is a challenge to any IT organization. The resources should be well understood on its activities by collecting latest information. They also need to work in collaboration with the technical teams by understanding the latest design

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and development requirements. At the same time they need to confirm with the users on their understanding of the latest requirements before stepping into the evaluation process. This activity denotes lot of resource educations is required for BI Projects evaluation. One might get the following questions also into their mind: What kind of techniques can be used for data transformation? Why do you need to evaluate thoroughly the BI applications? Why do you need a Big Bang kind of test coverage for BI Projects? Why do you need different environments for BI Projects? What kind of testing is involved?

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Is there any test automation process involved for BI projects?

If you are nominated as a business representative to certify the ETL/BI Application; you might ask some of the following questions. i) Is the appropriate data being extracted? ii) If the source data element is split into multiple columns, is it done correctly during the transformation process? iii) If some data elements are merged together did any integrity problems result from this transformation process? iv) Is the data loaded correctly into the appropriate BI target databases and the appropriate BI tables? v) Can the

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data in the BI target databases be reconciled with the source files and source databases?

Where are the reconciliation totals stored? vi) Are data values correctly transformed and cleansed? Is bad data slipping through without notice? vii) Is the load performance adequate? And is the BI data available to the business people when they expect it? For all the above test scenarios; this Book can denote the solutions to follow. By considering the above clarifications or questions; with my past 10 plus years of work experiences on these kind of projects, I have made this detailed E-Book to understand

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the Data warehouse concepts in depth, the development activities and the feasible testing methodology need to be used for applying the evaluation procedure. After going through this E-Book with clear understanding on it, any BI professional can be ready to step into the BI project evaluation confidently with self motivation. "This reference is a broad, multi-volume collection of the best recent works published under the umbrella of computer engineering, including perspectives on the fundamental aspects, tools and technologies, methods and design, applications, managerial impact,

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social/behavioral perspectives, critical issues, and emerging trends in the field"--Provided by publisher.

"If you are looking for a complete treatment of business intelligence, then go no further than this book. Larissa T. Moss and Shaku Atre have covered all the bases in a cohesive and logical order, making it easy for the reader to follow their line of thought. From early design to ETL to physical database design, the book ties together all the components of business intelligence." --Bill Inmon, Inmon Enterprises This is the eBook version of the print title. The eBook edition contains the same

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content as the print edition. You will find instructions in the last few pages of your eBook that directs you to the media files.

Business Intelligence Roadmap is a visual guide to developing an effective business intelligence (BI) decision-support application. This book outlines a methodology that takes into account the complexity of developing applications in an integrated BI environment. The authors walk readers through every step of the process--from strategic planning to the selection of new technologies and the evaluation of application releases. The book also serves as a single-source guide to the

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best practices of BI projects. Part I steers readers through the six stages of a BI project:

justification, planning, business analysis, design, construction, and deployment. Each chapter describes one of sixteen development steps and the major activities, deliverables, roles, and responsibilities. All technical material is clearly expressed in tables, graphs, and diagrams. Part II provides five matrices that serve as references for the development process charted in Part I. Management tools, such as graphs illustrating the timing and coordination of activities, are included throughout the book. The authors conclude by

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crystallizing their many years of experience in a list of dos, don'ts, tips, and rules of thumb.

Both the book and the methodology it describes are designed to adapt to the specific needs of individual stakeholders and organizations. The book directs business representatives, business sponsors, project managers, and technicians to the chapters that address their distinct responsibilities. The framework of the book allows organizations to begin at any step and enables projects to be scheduled and managed in a variety of ways. Business Intelligence Roadmap is a clear and comprehensive guide to

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Applications With Manual And
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Business Intelligence Project
Evaluation

negotiating the complexities
inherent in the development of
valuable business intelligence
decision-support applications.

A General Management
Perspective

Business Intelligence and Agile
Methodologies for Knowledge-
Based Organizations: Cross-
Disciplinary Applications
Big Data Analytics and
Intelligence

Exam MB-200 & MB-400:
Microsoft Certified: Power Apps
+ Dynamics 365 Developer
Associate 72 Test Prep
Questions

The New Era of Enterprise
Business Intelligence
Principles and Applications of

Read PDF Testing Bi And Etl Applications With Manual And Automation Approach A Business Intelligence Research Comprehensive Guide For Techniques, Practices, and Patterns for Building and Maintaining Effective Software Projects

Business intelligence applications are of vital importance as they help organizations manage, develop, and communicate intangible assets such as information and knowledge.

Organizations that have undertaken business intelligence initiatives have benefited from increases in revenue, as well as significant cost savings. Business Intelligence and Agile

Methodologies for Knowledge-Based Organizations: Cross-Disciplinary Applications highlights the marriage between

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business intelligence and knowledge management through the use of agile methodologies. Through its fifteen chapters, this book offers perspectives on the integration between process modeling, agile methodologies, business intelligence, knowledge management, and strategic management.

InfoWorld is targeted to Senior IT professionals. Content is segmented into Channels and Topic Centers. InfoWorld also celebrates people, companies, and projects.

A thorough update to the industry standard for designing, developing, and deploying data warehouse and business intelligence systems The world of data warehousing has changed

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remarkably since the first edition of The Data Warehouse Lifecycle Toolkit was published in 1998. In that time, the data warehouse industry has reached full maturity and acceptance, hardware and software have made staggering advances, and the techniques promoted in the premiere edition of this book have been adopted by nearly all data warehouse vendors and practitioners. In addition, the term "business intelligence" emerged to reflect the mission of the data warehouse: wrangling the data out of source systems, cleaning it, and delivering it to add value to the business. Ralph Kimball and his colleagues have refined the original set of Lifecycle methods and techniques based on their

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consulting and training experience. The authors understand first-hand that a data warehousing/business intelligence (DW/BI) system needs to change as fast as its surrounding organization evolves. To that end, they walk you through the detailed steps of designing, developing, and deploying a DW/BI system. You'll learn to create adaptable systems that deliver data and analyses to business users so they can make better business decisions.

Building upon his earlier book that detailed agile data warehousing programming techniques for the Scrum master, Ralph's latest work illustrates the agile interpretations of the remaining software engineering disciplines:

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Requirements management templates that not only define projects quickly, but ensure nothing essential is overlooked. Data engineering receives two new "hyper modeling" techniques, yielding data warehouses that can be easily adapted when requirements change without having to invest in ruinously expensive data-conversion programs. Quality assurance advances with not only a stereoscopic top-down and bottom-up planning method, but also the incorporation of the latest in automated test engines. Use this step-by-step guide to deepen your own application development skills through self-study, show your teammates the

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world's fastest and most reliable techniques for creating business intelligence systems, or ensure that the IT department working for you is building your next decision support system the right way. Learn how to quickly define scope and architecture before programming starts Includes techniques of process and data engineering that enable iterative and incremental delivery Demonstrates how to plan and execute quality assurance plans and includes a guide to continuous integration and automated regression testing Presents program management strategies for coordinating multiple agile data mart projects so that over time an enterprise data warehouse emerges Use the

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provided 120-day road map to establish a robust, agile data warehousing program

Delivering World-class Business Intelligence Systems Using Scrum and XP