

Microsoft Sql Server 2016 Reporting Services Fifth Edition

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Services Fifth Edition is universally compatible with any devices to read

SQL Server 2017 Integration Services Cookbook

Christian Cote 2017-06-30 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 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.

Introducing Microsoft SQL Server 2016 Stacia Varga 2016-06-28 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.

Introducing Microsoft SQL Server 2019 Kellyn

Gorman 2020-04-27 Explore the impressive storage and analytic tools available with the in-cloud and on-premises versions of Microsoft SQL Server 2019.

Key FeaturesGain insights into what's new in SQL

Server 2019Understand use cases and customer scenarios that can be implemented with SQL Server 2019Discover new cross-platform tools that simplify management and analysisBook Description

Microsoft SQL Server comes equipped with industry-leading features and the best online transaction processing capabilities. If you are looking to work with data processing and management, getting up to speed with Microsoft Server 2019 is key.

Introducing SQL Server 2019 takes you through the latest features in SQL Server 2019 and their importance. You will learn to unlock faster querying speeds and understand how to leverage the new and improved security features to build robust data

management solutions. Further chapters will assist you with integrating, managing, and analyzing all data, including relational, NoSQL, and unstructured big data using SQL Server 2019. Dedicated sections in the book will also demonstrate how you can use SQL Server 2019 to leverage data processing platforms, such as Apache Hadoop and Spark, and containerization technologies like Docker and Kubernetes to control your data and efficiently monitor it. By the end of this book, you'll be well versed with all the features of Microsoft SQL Server 2019 and understand how to use them confidently to build robust data management solutions. What you will learn

- Build a custom container image with a Dockerfile
- Deploy and run the SQL Server 2019 container image
- Understand how to use SQL server on Linux
- Migrate existing paginated reports to Power BI Report Server
- Learn to query Hadoop Distributed File System (HDFS) data using Azure Data Studio
- Understand the benefits of In-Memory OLTP
- Who this book is for

This book is for database administrators, architects, big data engineers, or anyone who has experience with SQL Server and wants to explore and implement the new features in SQL Server 2019. Basic working knowledge of SQL Server and relational database management system (RDBMS)

is required.

Exam 70-410 Installing and Configuring Windows

Server 2012 Microsoft Official Academic Course

2013-02-11 This text does not include not include a

MOAC Labs Online access code. This 70-410

Installing and Configuring Windows Server 2012

textbook prepares certification students for the first

of a series of three exams which validate the skills

and knowledge necessary to implement a core

Windows Server 2012 Infrastructure into an existing

enterprise environment. This Microsoft Official

Academic Course is mapped to the 70-410

Installing and Configuring Windows Server 2012

exam objectives. This textbook focuses on real

skills for real jobs and prepares students to prove

mastery of core services such as Active Directory

and networking services. In addition, this book also

covers such valuable skills as:

- Managing Active

- Directory Domain Services Objects • Automating

- Active Directory Domain Services Administration •

- Implementing Local Storage • Implementing File

- and Print Services • Implementing Group Policy •

- Implementing Server Virtualization with Hyper-V

SQL Server 2014 Development Essentials Basit A.

Masood-Al-Farooq 2014-07-25 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.

Professional Microsoft SQL Server 2008 Reporting Services Paul Turley 2011-01-06 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

Professional Microsoft SQL Server 2014 Integration Services Brian Knight 2014-04-17 Fill the gap between planning and doing with SSIS 2014 The

2014 release of Microsoft's SQL Server Integration Services provides enhancements for managing extraction, transformation, and load operations, plus expanded in-memory capabilities, improved disaster recovery, increased scalability, and much more. The increased functionality will streamline your ETL processes and smooth out your workflow, but the catch is that your workflow must change. New tools come with new best practices, and Professional Microsoft SQL Server 2014 Integration Services will keep you ahead of the curve. SQL Server MVP Brian Knight is the most respected name in the business, and your ultimate guide to navigating the changes to use Microsoft SQL Server Integration Services 2014 to your utmost advantage. Implement new best practices for effective use of SSIS Work through tutorials for hands-on learning of complex techniques Read case studies that illustrate the more advanced concepts Learn directly from the foremost authority on SSIS SQL Server Integration Services is a complex tool, but it's the lifeblood of your work. You need to know it inside out, and you must understand the full potential of its capabilities in order to use it effectively. You need to make sure the right architecture is in place. Professional Microsoft SQL Server 2014 Integration Services is your roadmap to understanding SSIS on a

fundamental level, and setting yourself up for success.

Microsoft System Center Rushi Faldu 2013 Part of a series of specialized guides on System Center - this book shares real-world expertise for using Configuration Manager capabilities to deliver more effective IT services. Series editor Mitch Tulloch and a team of System Center experts provide concise technical guidance as they step you through key deployment and management scenarios.

SQL Server 2016 Developer's Guide Dejan Sarka 2017-03-22 Get the most out of the rich development capabilities of SQL Server 2016 to build efficient database applications for your organization About This Book- Utilize the new enhancements in Transact-SQL and security features in SQL Server 2016 to build efficient database applications- Work with temporal tables to get information about data stored in the table at any point in time- A detailed guide to SQL Server 2016, introducing you to multiple new features and enhancements to improve your overall development experience Who This Book Is For This book is for database developers and solution architects who plan to use the new SQL Server 2016 features for developing efficient database applications. It is also ideal for experienced SQL Server developers who

want to switch to SQL Server 2016 for its rich development capabilities. Some understanding of the basic database concepts and Transact-SQL language is assumed.

What You Will Learn-

- Explore the new development features introduced in SQL Server 2016-
- Identify opportunities for In-Memory OLTP technology, significantly enhanced in SQL Server 2016-
- Use columnstore indexes to get significant storage and performance improvements-
- Extend database design solutions using temporal tables-
- Exchange JSON data between applications and SQL Server in a more efficient way-
- Migrate historical data transparently and securely to Microsoft Azure by using Stretch Database-
- Use the new security features to encrypt or to have more granular control over access to rows in a table-
- Simplify performance troubleshooting with Query Store-
- Discover the potential of R's integration with SQL Server

In Detail

Microsoft SQL Server 2016 is considered the biggest leap in the data platform history of the Microsoft, in the ongoing era of Big Data and data science. Compared to its predecessors, SQL Server 2016 offers developers a unique opportunity to leverage the advanced features and build applications that are robust, scalable, and easy to administer. This book introduces you to new features of SQL Server 2016

which will open a completely new set of possibilities for you as a developer. It prepares you for the more advanced topics by starting with a quick introduction to SQL Server 2016's new features and a recapitulation of the possibilities you may have already explored with previous versions of SQL Server. The next part introduces you to small delights in the Transact-SQL language and then switches to a completely new technology inside SQL Server - JSON support. We also take a look at the Stretch database, security enhancements, and temporal tables. The last chapters concentrate on implementing advanced topics, including Query Store, columnstore indexes, and In-Memory OLTP. You will finally be introduced to R and how to use the R language with Transact-SQL for data exploration and analysis. By the end of this book, you will have the required information to design efficient, high-performance database applications without any hassle.

Style and approach This book is a detailed guide to mastering the development features offered by SQL Server 2016, with a unique learn-as-you-do approach. All the concepts are explained in a very easy-to-understand manner and are supplemented with examples to ensure that you-the developer-are able to take that next step in building more powerful, robust applications for your

organization with ease.

Securing SQL Server Denny Cherry 2015-04-27

SQL server is the most widely-used database platform in the world, and a large percentage of these databases are not properly secured, exposing sensitive customer and business data to attack. In *Securing SQL Server, Third Edition*, you will learn about the potential attack vectors that can be used to break into SQL server databases as well as how to protect databases from these attacks. In this book, Denny Cherry - a Microsoft SQL MVP and one of the biggest names in SQL server - will teach you how to properly secure an SQL server database from internal and external threats using best practices as well as specific tricks that the author employs in his role as a consultant for some of the largest SQL server deployments in the world. Fully updated to cover the latest technology in SQL Server 2014, this new edition walks you through how to secure new features of the 2014 release. New topics in the book include vLANs, setting up RRAS, anti-virus installs, key management, moving from plaintext to encrypted values in an existing application, securing Analysis Services Objects, Managed Service Accounts, OS rights needed by the DBA, SQL Agent Security, Table Permissions, Views, Stored Procedures, Functions, Service

Broker Objects, and much more. Presents hands-on techniques for protecting your SQL Server database from intrusion and attack Provides the most in-depth coverage of all aspects of SQL Server database security, including a wealth of new material on Microsoft SQL Server 2014. Explains how to set up your database securely, how to determine when someone tries to break in, what the intruder has accessed or damaged, and how to respond and mitigate damage if an intrusion occurs.

Beginning SQL Server Reporting Services Kathi Kellenberger 2016-10-08 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. *Beginning SQL Server Reporting Services* 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.

Beginning SSRS Joes 2 Pros Kathi Kellenberger
2013-07 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.

Microsoft System Center Data Protection Manager
Cookbook Charbel Nemnom 2018-12-26 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 recover production data from Azure

Protect and learn about the requirements to recover Azure Stack with SCDPM

Who 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.

SQL Server 2016 Reporting Services Cookbook

Dinesh Priyankara 2016-12-30 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 ServicesWho This Book Is ForThis 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 solutions using Reporting Services* Improve the performance, availability, and scalability of the reporting solution* Enhance reporting solutions with custom programming and improved securityIn DetailMicrosoft 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 solution. This book is all you need to uncover the new offerings opened by Microsoft SQL Server 2016 Reporting Services.

Exam Ref 70-761 Querying Data with Transact-SQL
Itzik Ben-Gan 2017-04-04 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 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

Delivering Business Intelligence with Microsoft SQL Server 2016, Fourth Edition Brian Larson 2016-11-04 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 tips and 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, create 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 Tools • 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

Microsoft SQL Server Reporting Services Recipes

Paul Turley 2010-03-18 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

Microsoft SQL Server 2019: A Beginner's Guide, Seventh Edition Dusan Petkovic 2020-01-03

Publisher's Note: Products purchased from Third Party sellers are not guaranteed by the publisher for quality, authenticity, or access to any online entitlements included with the product. Get Up to Speed on Microsoft® SQL Server® 2019 Quickly and Easily Start working with Microsoft SQL Server

2019 in no time with help from this thoroughly revised, practical resource. Filled with real-world examples and hands-on exercises, Microsoft SQL Server 2019: A Beginner's Guide, Seventh Edition starts by explaining fundamental relational database system concepts. From there, you'll learn how to write Transact-SQL statements, execute simple and complex database queries, handle system administration and security, and use powerful analysis and reporting tools. New topics such as SQL and JSON support, graph databases, and support for machine learning with R and Python are also covered in this step-by-step tutorial.

- Install, configure, and customize Microsoft SQL Server 2019
- Create and modify database objects with Transact-SQL statements
- Write stored procedures and user-defined functions
- Handle backup and recovery, and automate administrative tasks
- Tune your database system for optimal availability and reliability
- Secure your system using authentication, encryption, and authorization
- Work with SQL Server Analysis Services, Reporting Services, and other BI tools
- Gain knowledge of relational storage, presentation, and retrieval of data stored in the JSON format
- Manage graphs using SQL Server Graph Databases
- Learn about machine

learning support for R and Python

Beginning SQL Server Reporting Services Kathi

Kellenberger 2016-09-06 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="" 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 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 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.

Microsoft SQL Server 2012 Reporting Services
Stacia Misner 2013 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

Microsoft SQL Server 2016 Reporting Services, Fifth Edition Brian Larson 2016-09-20 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 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

Professional Microsoft SQL Server 2016 Reporting Services and Mobile Reports Paul Turley 2017-02-06 A Detailed Look at Data Processing Extensions Microsoft SQL Server 2005 Reporting Services For Dummies Mark Robinson 2005-12-13 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 Applied Microsoft SQL Server 2012 Analysis Services Teo Lachev 2012-02 A guide to tabular modeling of the Innovative Business Intelligence Semantic Model describes such tasks as integrating data from multiple sources, implementing business calculations and Kils, and designing cached and real-time data access.

SQL Server 2019 Administration Inside Out Randolph West 2020-03-11 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 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

Pro SQL Server Relational Database Design and Implementation Louis Davidson 2016-12-29 Learn effective and scalable database design techniques in a SQL Server 2016 and higher environment. This book is revised to cover in-memory online transaction processing, temporal data storage, row-level security, durability enhancements, and other design-related features that are new or changed in SQL Server 2016. Designing an effective and scalable database using SQL Server is a task requiring skills that have been around for forty years coupled with technology that is constantly changing. Pro SQL Server Relational Database Design and Implementation covers everything from design logic that business users will understand, all the way to the physical implementation of design in a SQL Server database. Grounded in best practices and a solid understanding of the underlying theory, Louis Davidson shows how to "get it right" in SQL Server database design and lay a solid groundwork for the future use of valuable business data. The pace of change in relational database management systems has been tremendous these past few years.

Whereas in the past it was enough to think about optimizing data residing on spinning hard drives, today one also must consider solid-state storage as well as data that are constantly held in memory and never written to disk at all except as a backup. Furthermore, there is a trend toward hybrid cloud and on-premise database configurations as well a move toward preconfigured appliances. Pro SQL Server Relational Database Design and Implementation guides in the understanding of these massive changes and in their application toward sound database design. Gives a solid foundation in best practices and relational theory Covers the latest implementation features in SQL Server 2016 Helps you master in-memory OLTP and use it effectively Takes you from conceptual design to an effective, physical implementation What You Will Learn Develop conceptual models of client data using interviews and client documentation Recognize and apply common database design patterns Normalize data models to enhance scalability and the long term use of valuable data Translate conceptual models into high-performing SQL Server databases Secure and protect data integrity as part of meeting regulatory requirements Create effective indexing to speed query performance Who This Book Is For

Programmers and database administrators of all types who want to use SQL Server to store data. The book is especially useful to those wanting to learn the very latest design features in SQL Server 2016, features that include an improved approach to in-memory OLTP, durability enhancements, temporal data support, and more. Chapters on fundamental concepts, the language of database modeling, SQL implementation, and of course, the normalization process, lay a solid groundwork for readers who are just entering the field of database design. More advanced chapters serve the seasoned veteran by tackling the very latest in physical implementation features that SQL Server has to offer. The book has been carefully revised to cover all the design-related features that are new in SQL Server 2016.

SQL Server 2012 T-SQL Recipes Jason Brimhall
2012-10-15 SQL Server 2012 T-SQL Recipes is an example-based guide to the Transact-SQL language that is at the core of SQL Server 2012. It provides ready-to-implement solutions to common programming and database administration tasks. Learn to create databases, insert and update data, generate reports, secure your data, and more. Tasks and their solutions are broken down into a problem/solution format that is quick and easy to

read so that you can get the job done fast when the pressure is on. Solutions in this book are divided into chapters by problem domain. Each chapter is a collection of solutions around a single facet of the language such as writing queries, developing triggers, and applying aggregate functions. Each solution is presented code-first, giving you a working code example to copy from and implement immediately in your own environment. Following each example is an in-depth description of how and why the given solution works. Tradeoffs and alternative approaches are also discussed. Focused on solutions: Look up what you need to do. Learn how to do it. Do it. Current: Newly updated for SQL Server 2012 Comprehensive: Covers all common T-SQL problem domains

R Markdown Yihui Xie 2018-07-27 R Markdown: The Definitive Guide is the first official book authored by the core R Markdown developers that provides a comprehensive and accurate reference to the R Markdown ecosystem. With R Markdown, you can easily create reproducible data analysis reports, presentations, dashboards, interactive applications, books, dissertations, websites, and journal articles, while enjoying the simplicity of Markdown and the great power of R and other languages. In this book, you will learn Basics:

Syntax of Markdown and R code chunks, how to generate figures and tables, and how to use other computing languages Built-in output formats of R Markdown: PDF/HTML/Word/RTF/Markdown documents and ioslides/Slidy/Beamer/PowerPoint presentations Extensions and applications: Dashboards, Tufte handouts, xaringan/reveal.js presentations, websites, books, journal articles, and interactive tutorials Advanced topics: Parameterized reports, HTML widgets, document templates, custom output formats, and Shiny documents. Yihui Xie is a software engineer at RStudio. He has authored and co-authored several R packages, including knitr, rmarkdown, bookdown, blogdown, shiny, xaringan, and animation. He has published three other books, Dynamic Documents with R and knitr, bookdown: Authoring Books and Technical Documents with R Markdown, and blogdown: Creating Websites with R Markdown. J.J. Allaire is the founder of RStudio and the creator of the RStudio IDE. He is an author of several packages in the R Markdown ecosystem including rmarkdown, flexdashboard, learnr, and radix. Garrett Golemund is the co-author of R for Data Science and author of Hands-On Programming with R. He wrote the lubridate R package and works for RStudio as an advocate who trains engineers to do data science

with R and the Tidyverse.

MDX with Microsoft SQL Server 2016 Analysis

Services Cookbook Tomislav Piasevoli 2016-11-30

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.

T-SQL Fundamentals Itzik Ben-Gan 2016-07-29

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 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

Exam Ref 70-740 Installation, Storage and Compute with Windows Server 2016 Craig Zacker 2017-01-17 Prepare for Microsoft Exam 70-740—and help demonstrate your real-world mastery of Windows Server 2016 installation, storage, and compute features and capabilities. 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:

- Install Windows Servers in host and compute environments
- Implement storage solutions
- Implement Hyper-V
- Implement Windows containers
- Implement high availability
- Maintain and monitor server environments

This Microsoft Exam Ref:

- Organizes its coverage by exam objectives
- Features strategic, what-if scenarios to challenge you
- Assumes you have

experience working with Windows Server in an enterprise environment; are familiar with core networking infrastructure, topologies, architectures, and protocols; and have experience with Windows clients and virtualization About the Exam Exam 70-740 focuses on the skills and knowledge necessary to implement and configure storage and compute features and functionality in Windows Server 2016. About Microsoft Certification Passing this exam earns you credit toward a Microsoft Certified Solutions Associate (MCSA) certification that demonstrates your mastery of core Windows Server 2016 skills for reducing IT costs and delivering more business value. Exam 70-741 (Networking with Windows Server 2016) and Exam 70-742 (Identity with Windows Server 2016) are also required for MCSA: Windows Server 2016 certification. See full details at: microsoft.com/learning

Microsoft SQL Server 2016: A Beginner's Guide, Sixth Edition Dusan Petkovic 2016-10-14 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 newest 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 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 and security, and use the powerful analysis and BI tools. XML, spatial data, and full-text search are also 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 professor and best-selling author

Exam Ref 70-764 Administering a SQL Database Infrastructure Victor Isakov 2017-09-26 Prepare for Microsoft Exam 70-764—and help demonstrate your real-world mastery of skills for database administration. This exam is intended for database administrators charged with installation, maintenance, and configuration tasks. Their responsibilities also include setting up database systems, making sure those systems operate efficiently, and regularly storing, backing up, and securing data from unauthorized access. Focus on the expertise measured by these objectives: • Configure data access and auditing • Manage

backup and restore of databases • Manage and monitor SQL Server instances • Manage high availability and disaster recovery This Microsoft Exam Ref: • Organizes its coverage by exam objectives • Features strategic, what-if scenarios to challenge you • Assumes you have working knowledge of database installation, configuration, and maintenance tasks. You should also have experience with setting up database systems, ensuring those systems operate efficiently, regularly storing and backing up data, and securing data from unauthorized access. About the Exam Exam 70-764 focuses on skills and knowledge required for database administration. About Microsoft Certification Passing both Exam 70-764 and Exam 70-765 (Provisioning SQL Databases) earns you credit toward an MCSA: SQL 2016 Database Administration certification. See full details at: microsoft.com/learning

System Center Configuration Manager Reporting Unleashed Garth Jones 2016-04-21 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 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.

Delivering Business Intelligence with Microsoft SQL Server 2012 3/E Brian Larson 2012-03-16

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 SQL Server 2016 Reporting Services Cookbook Dinesh Priyankara 2016-11-29 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.

[Introducing Microsoft Power BI Alberto Ferrari 2016-07-07](#) This is the eBook of the printed book and may not include any media, website access codes,

or print supplements that may come packaged with the bound book. Introducing Microsoft Power BI enables you to evaluate when and how to use Power BI. Get inspired to improve business processes in your company by leveraging the available analytical and collaborative features of this environment. Be sure to watch for the publication of Alberto Ferrari and Marco Russo's upcoming retail book, *Analyzing Data with Power BI and Power Pivot for Excel* (ISBN 9781509302765). Go to the book's page at the Microsoft Press Store here for more details:<http://aka.ms/analyzingdata/details>. Learn more about Power BI at <https://powerbi.microsoft.com/>.

Microsoft SQL Server 2016 Reporting Services, Fifth Edition Brian Larson 2016-09-23 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 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

Python for Programmers Paul J. Deitel 2019-03-15
The professional programmer's Deitel® guide to Python® with introductory artificial intelligence case studies
Written for programmers with a background in another high-level language, Python for Programmers uses hands-on instruction to teach today's most compelling, leading-edge computing technologies and programming in Python—one of the world's most popular and fastest-growing languages. Please read the Table of Contents diagram inside the front cover and the Preface for

more details. In the context of 500+, real-world examples ranging from individual snippets to 40 large scripts and full implementation case studies, you'll use the interactive IPython interpreter with code in Jupyter Notebooks to quickly master the latest Python coding idioms. After covering Python Chapters 1-5 and a few key parts of Chapters 6-7, you'll be able to handle significant portions of the hands-on introductory AI case studies in Chapters 11-16, which are loaded with cool, powerful, contemporary examples. These include natural language processing, data mining Twitter® for sentiment analysis, cognitive computing with IBM® Watson™, supervised machine learning with classification and regression, unsupervised machine learning with clustering, computer vision through deep learning and convolutional neural networks, deep learning with recurrent neural networks, big data with Hadoop®, Spark™ and NoSQL databases, the Internet of Things and more. You'll also work directly or indirectly with cloud-based services, including Twitter, Google Translate™, IBM Watson, Microsoft® Azure®, OpenMapQuest, PubNub and more. Features 500+ hands-on, real-world, live-code examples from snippets to case studies IPython + code in Jupyter® Notebooks
Library-focused: Uses Python Standard Library and

data science libraries to accomplish significant tasks with minimal code Rich Python coverage: Control statements, functions, strings, files, JSON serialization, CSV, exceptions Procedural, functional-style and object-oriented programming Collections: Lists, tuples, dictionaries, sets, NumPy arrays, pandas Series & DataFrames Static, dynamic and interactive visualizations Data experiences with real-world datasets and data sources Intro to Data Science sections: AI, basic stats, simulation, animation, random variables, data wrangling, regression AI, big data and cloud data science case studies: NLP, data mining Twitter®, IBM® Watson™, machine learning, deep learning, computer vision, Hadoop®, Spark™, NoSQL, IoT Open-source libraries: NumPy, pandas, Matplotlib, Seaborn, Folium, SciPy, NLTK, TextBlob, spaCy, Textatistic, Tweepy, scikit-learn®, Keras and more Accompanying code examples are available here: http://ptgmedia.pearsoncmg.com/imprint_downloads/inform Register your product for convenient access to downloads, updates, and/or corrections as they become available. See inside book for more information.

Professional SQL Server 2005 Reporting Services
Paul Turley 2006-03-06 SQL Server Reporting Services is the customizable reporting solution for

report designers and programmers. This hands-on guide will get you up to speed quickly so you can design, deploy, manage, and even customize reporting solutions. You can create powerful reports without programming knowledge and extend reporting solutions using VB, C#, and ASP.NET. Packed with detailed examples of building reports, designing report solutions, and developing deployment strategies for interacting with various platforms, this book prepares you to take full advantage of this revolutionary tool. Plus, you'll learn how to extend practically every feature of Reporting Services by implementing your own security architecture or adding custom data access.

What you will learn from this book

- Details of programming reports and report scripting
- Advanced report design, including drill-down reports, nested lists, drill-through, links, and dynamic content
- High-level strategies for business and support systems
- Rendering reports using .NET code, .NET IO namespace classes, and URL rendering
- deployment strategies to handle hardware, software, and platform considerations, licensing issues, and scaling options
- How to design reports for mobile services
- Various tools used to define data sources and semantic metadata models
- How to use parameters and expressions to define

creative report solutions Advanced object-oriented programming techniques, with examples in C# and VB 2005. Who this book is for This book is for report designers, developers, administrators, and business professionals interested in learning the advanced functionality, report server administration, and security issues of SQL Server 2005 Reporting Services. Wrox Professional guides are planned and written by working programmers to meet the real-world needs of programmers, developers, and IT professionals. Focused and relevant, they address the issues technology professionals face every day. They provide examples, practical solutions, and expert education in new technologies, all designed to help programmers do a better job.