

developer

// Step by step

Microsoft Azure SQL Database

Intermediate


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Microsoft Azure Sql Database Step By Step Step By Step Developer:

Microsoft Azure SQL Database Step by Step, 2014 *Microsoft Azure SQL Database Step by Step* Leonard Lobel, Eric Boyd, 2014 Your hands on guide to Azure SQL Database fundamentals Expand your expertise and teach yourself the fundamentals of Microsoft Azure SQL Database If you have previous programming experience but are new to Azure this tutorial delivers the step by step guidance and coding exercises you need to master core topics and techniques Discover how to Perform Azure setup and configuration Explore design and security considerations Use programming and reporting services Migrate data Backup and sync data Work with scalability and high performance Understand the differences between SQL Server and Microsoft Azure SQL Database **Windows Azure SQL Database Step by Step** Leonard G. Lobel, Eric D. Boyd, 2014-06-24 Your hands on guide to Azure SQL Database fundamentals Expand your expertise and teach yourself the fundamentals of Microsoft Azure SQL Database If you have previous programming experience but are new to Azure this tutorial delivers the step by step guidance and coding exercises you need to master core topics and techniques Discover how to Perform Azure setup and configuration Explore design and security considerations Use programming and reporting services Migrate data Backup and sync data Work with scalability and high performance Understand the differences between SQL Server and Microsoft Azure SQL Database **Microsoft Azure Development Cookbook Second Edition** Roberto Freato, Neil Mackenzie, 2014-09-25 If you are an architect this book will help you make the correct decisions about which Azure building blocks to use If you are a developer this book will help you understand how to use them appropriately and if you are a NET developer this book is a pure delight **A Developer's Guide to Cloud Apps Using Microsoft Azure** Hamida Rebai Trabelsi, Marc-Andre Laniel, 2023-02-17 Build and deploy modern and secure applications on Microsoft Azure by implementing best practices patterns and new technologies with this easy to follow guide Purchase of the print or Kindle book includes a free PDF eBook Key Features Learn various methods to migrate legacy applications to cloud using different Azure services Implement continuous integration and deployment as a best practice for DevOps and agile development Get started with building cloud based applications using containers and orchestrators in different scenarios Book Description Companies face several challenges during cloud adoption with developers and architects needing to migrate legacy applications and build cloud oriented applications using Azure based technologies in different environments A Developer's Guide to Cloud Apps Using Microsoft Azure helps you learn how to migrate old apps to Azure using the Cloud Adoption Framework and presents use cases as well as build market ready secure and reliable applications The book begins by introducing you to the benefits of moving legacy apps to the cloud and modernizing existing ones using a set of new technologies and approaches You ll then learn how to use technologies and patterns to build cloud oriented applications This app development book takes you on a journey through three major services in Azure namely Azure Container Registry Azure Container Instances and Azure Kubernetes Service which will help you build and deploy an application based on

microservices Finally you ll be able to implement continuous integration and deployment in Azure to fully automate the software delivery process including the build and release processes By the end of this book you ll be able to perform application migration assessment and planning select the right Azure services and create and implement a new cloud oriented application using Azure containers and orchestrators What you will learnGet to grips with new patterns and technologies used for cloud native applicationsMigrate old applications and databases to Azure with easeWork with containers and orchestrators to automate app deploymentSelect the right Azure service for deployment as per the use casesSet up CI CD pipelines to deploy apps and services on Azure DevOpsLeverage Azure App Service to deploy your first applicationBuild a containerized app using Docker and Azure Container RegistryWho this book is for This book is for cloud developers software architects system administrators developers and computer science students looking to understand the new role of the software architect or developer in the cloud world Professionals looking to enhance their cloud and cloud native programming concepts will also find this book useful A sound background in C ASP NET Core and Visual Studio any recent version and basic knowledge of cloud computing will be helpful

Cloud Database Development and Management Lee Chao,2013-07-26 Although today s job market requires IT professionals to understand cloud computing theories and have hands on skills for developing real world database systems there are few books available that integrate coverage of both Filling this void Cloud Database Development and Management explains how readers can take advantage of the cloud environment

A Developer's Guide to .NET in Azure Anuraj Parameswaran,Tamir Al Balkhi,2023-10-20 Develop cloud native applications using serverless technologies Azure services and NET with the help of this reference guide Key Features Create cloud native NET applications using cutting edge technologies Design develop and deploy scalable manageable and resilient apps with various Azure services Explore serverless architecture and optimize application scalability through efficient design Purchase of the print or Kindle book includes a free PDF eBook Book DescriptionA Developer s Guide to NET in Azure helps you embark on a transformative journey through Microsoft Azure that is tailored to NET developers This book is a curated compendium that ll enable you to master the creation of resilient scalable and highly available applications The book is divided into four parts with Part 1 demystifying Azure for you and emphasizing the portal s utility and seamless integration The chapters in this section help you configure your workspace for optimal Azure synergy You ll then move on to Part 2 where you ll explore serverless computing microservices containerization Dapr and Azure Kubernetes Service for scalability and build pragmatic cost effective applications using Azure Functions and Container apps Part 3 delves into data and storage showing you how to utilize Azure Blob Storage for unstructured data Azure SQL Database for structured data and Azure Cosmos DB for document oriented data The final part teaches you about messaging and security utilizing Azure App Configuration Event Hubs Service Bus Key Vault and Azure AD B2C for robust secure applications By the end of this book you ll have mastered Azure s responsive infrastructure for exceptional applications What

you will learn Discover how to create serverless apps and services Design microservices with Azure Kubernetes service Get to grips with different Azure databases and storage services Find out how to use secret and configuration management Familiarize yourself with event driven architecture Understand how to leverage Azure Service Bus and Azure Event Hubs Find out how to protect APIs and apps using Azure B2C Who this book is for This book is for NET developers and architects who are eager to master the art of creating and deploying robust applications using NET and Azure A foundational understanding of NET and Azure will enable you to enhance your skills with this resourceful guide Developers aspiring to explore the realms of microservices and serverless applications within the NET and Azure landscapes will find this book invaluable

A Developer's Guide to Building Resilient Cloud Applications with Azure Hamida Rebai Trabelsi, Lori Lalonde, 2023-02-24 Successfully modernize your apps on Azure using APIs event driven systems functions and Service Fabric and connect them to different relational and non relational databases Purchase of the print or Kindle book includes a free PDF eBook Key Features Understand Function as a Service and Azure Service Fabric for distributed applications Develop event based and message based solutions using Event Grid and Azure Event Hubs Explore continuous deployment for Docker with Azure DevOps and integrate Docker Hub with CI CD pipelines Book Description To deliver software at a faster rate and reduced costs companies with stable legacy systems and growing data volumes are trying to modernize their applications and accelerate innovation but this is no easy matter A Developer's Guide to Building Resilient Cloud Applications with Azure helps you overcome these application modernization challenges to build secure and reliable cloud based applications on Azure and connect them to databases with the help of easy to follow examples The book begins with a basic definition of serverless and event driven architecture and Database as a Service before moving on to an exploration of the different services in Azure namely Azure API Management using the gateway pattern event driven architecture Event Grid Azure Event Hubs Azure message queues FaaS using Azure Functions and the database oriented cloud Throughout the chapters you ll learn about creating importing and managing APIs and Service Fabric in Azure and discover how to ensure continuous integration and deployment in Azure to fully automate the software delivery process that is the build and release process By the end of this book you ll be able to build and deploy cloud oriented applications using APIs serverless Service Fabric Azure Functions and Event Grid technologies What you will learn Understand the architecture of Azure Functions and Azure Service Fabric Explore Platform as a Service options for deploying SQL Server in Azure Create and manage Azure Storage and Azure Cosmos DB resources Leverage big data storage in Azure services Select Azure services to deploy according to a specific scenario Set up CI CD pipelines to deploy container applications on Azure DevOps Get to grips with API gateway patterns and Azure API Management Who this book is for This book is for cloud developers software architects system administrators database administrators data engineers developers and computer science students who want to understand the role of the software architect or developer in the cloud world Professionals looking to enhance their cloud and cloud native

programming concepts on Azure will also find this book useful A solid background in C# ASP.NET Core and any recent version of Visual Studio and basic knowledge of cloud computing Microsoft Azure and databases will be helpful when using this book

SQL Server 2016 Developer's Guide Dejan Sarka, Milos Radivojevic, William Durkin, 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 *Azure for Developers* Kamil Mrzygłód, 2025-07-30 Advance your development career by mastering Microsoft Azure s latest tools and technologies to enhance existing applications and build powerful cloud native solutions Key Features Build and deploy Azure apps with web serverless and container based architectures Create end to end cloud solutions on Azure by integrating AI services monitoring tools and DevOps Upskill confidently with practical insights and real world development practices Purchase of the print or Kindle book includes a free PDF eBook Book Description Supercharge your development career by mastering Azure s evolving GenAI container and serverless capabilities to build scalable secure applications with confidence This third edition of Azure for Developers transforms complex cloud concepts into practical skills guiding you through the design deployment and management of cloud native solutions while eliminating infrastructure headaches Fully updated with Azure s latest features this hands on guide helps you automate DevOps pipelines with GitHub Actions deploy microservices using containers and integrate generative AI via Azure OpenAI to modernize your development workflows You will learn how to set up your environment streamline app deployment and implement robust service integrations using real world best practices The final section is a game changer for developers who want to stay ahead of the curve It shows you how to leverage Azure s AI and machine learning services to automate tasks fine tune models and build intelligent assistants and next generation workflows By the end you will have the confidence and capabilities to deliver production grade cloud solutions that meet real world demands and position yourself at the forefront of modern cloud development What you will learn Integrate data solutions like Azure Storage and managed SQL databases into your applications Embed monitoring into your application using Application Insights SDK Develop serverless solutions with Azure Functions and Durable Functions Automate CI CD workflows with GitHub Actions and Azure integration Build and manage containers using Azure Container Apps Azure Container Registry ACR and App Service Design powerful workflows with both low code and full code approaches Enhance applications with AI and machine learning components Who this book is for This book is for cloud developers and engineers building applications with Microsoft Azure as well as those looking to begin a career in Azure development While a basic understanding of programming concepts is recommended the book covers both basic and advanced ideas and solutions making it valuable for beginners and experienced developers looking to enhance their skills *SQL Server 2017 Developer's Guide* William Durkin, Miloš Radivojević, Dejan Sarka, 2018-03-16 Build smarter and efficient database application systems for your organization with SQL Server 2017 Key Features Build database applications by using the development features of SQL Server 2017 Work with temporal tables to get information stored in a table at any time Use adaptive querying to enhance the performance of your queries Book Description Microsoft SQL Server 2017 is the next big step in the data platform history of Microsoft as it brings in the power of R and Python for machine learning and containerization based deployment on Windows and Linux Compared to its predecessor SQL Server 2017 has evolved into Machine Learning with R services for statistical

analysis and Python packages for analytical processing This book prepares you for more advanced topics by starting with a quick introduction to SQL Server 2017'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 enhancements in the Transact SQL language and new database engine capabilities 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 Furthermore the book focuses on implementing advanced topics including Query Store columnstore indexes and In Memory OLTP Towards the end of the book you'll be introduced to R and how to use the R language with Transact SQL for data exploration and analysis You'll also learn to integrate Python code in SQL Server and graph database implementations along with deployment options on Linux and SQL Server in containers for development and testing By the end of this book you will have the required information to design efficient high performance database applications without any hassle What you will learn Explore the new development features introduced in SQL Server 2017 Identify opportunities for In Memory OLTP technology Use columnstore indexes to get storage and performance improvements Exchange JSON data between applications and SQL Server Use the new security features to encrypt or mask the data Control the access to the data on the row levels Discover the potential of R and Python integration Model complex relationships with the graph databases in SQL Server 2017 Who this book is for Database developers and solution architects looking to design efficient database applications using SQL Server 2017 will find this book very useful In addition this book will be valuable to advanced analysis practitioners and business intelligence developers Database consultants dealing with performance tuning will get a lot of useful information from this book as well Some basic understanding of database concepts and T SQL is required to get the best out of this book *Professional SharePoint 2013 Development* Reza Alirezaei,Brendon Schwartz,Matt Ranlett,Scot Hillier,Brian Wilson,Jeff Fried,Paul Swider,2013-02-22

Thorough coverage of development in SharePoint 2013 A team of well known Microsoft MVPs joins forces in this fully updated resource providing you with in depth coverage of development tools in the latest iteration of the immensely popular SharePoint From building solutions to building custom workflow and content management applications this book shares field tested best practices on all aspect of SharePoint 2013 development Offers a thorough look at Windows Azure and SharePoint 2013 Includes new chapters on Application Life Cycle Management developing apps in SharePoint and building PerformancePoint Dashboards in SharePoint *Professional SharePoint 2013 Development* is an essential SharePoint developer title **Professional SharePoint 2013 Development eBook and SharePoint-videos.com Bundle** Reza

Alirezaei,Brendon Schwartz,Matt Ranlett,Scot Hillier,Brian Wilson,Jeff Fried,Paul Swider,Asif Rehmani,2014-03-10 *Beginning SharePoint 2013 Development eBook and SharePoint videos com Bundle* **Datenbankentwicklung lernen mit SQL**

Server 2022 Robert Panther,2023-07-18 Alles was ein gutes Lehrbuch bieten sollte Klar definierte Lernziele gute Beispiele und viele praktische bungsaufgaben Aktualisierte Neuauflage der bew hrten Einf hrung in die Datenbankentwicklung Basiert

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Azure for Decision Makers Jack Lee, Jason Milgram, David Rendón, 2023-09-08 Develop expertise in Azure to plan guide and lead a streamlined modernization process Key Features Explore core Azure infrastructure technologies and solutions Achieve smooth app migration and modernization goals with cloud design Master Azure architecture and adopt it to scale your business globally Purchase of the print or Kindle book includes a free PDF eBook Book Description *Azure for Decision Makers* provides a comprehensive overview of the latest updates in cloud security hybrid cloud and multi cloud solutions and cloud migration in Azure This book is a must have introduction to the Microsoft Azure cloud platform demonstrating the substantial scope of digital transformation and innovation that can be achieved with Azure's capabilities The first set of chapters will get you up to speed with Microsoft Azure's evolution before showing you how to integrate it into your existing IT infrastructure Next you will gain practical insights into application migration and modernization focusing mainly on migration planning implementation and best practices Throughout the book you will get the information you need to spearhead a smooth migration and modernization process detailing Azure infrastructure as a service IaaS deployment infrastructure management and key application architectures The concluding chapters will help you to identify and incorporate best practices for cost optimization and management Azure DevOps and Azure automation By the end of this book you will have learned how to lead end to end Azure operations for your organization and effectively cost optimize your processes from the planning and cloud migration stage through to troubleshooting What you will learn Find out how to optimize business costs with Azure Strategize the migration of applications to the cloud with Azure Smooth out the deployment and running of Azure infrastructure services Effectively define roles responsibilities and governance frameworks in DevOps Maximize the utility of Azure security fundamentals and best practices Adopt best practices to make the most of your Azure deployment Who this book is for *Azure for Decision Makers* is for business and IT decision makers who want to choose the right technology solutions for their businesses and optimize their management processes It will help you develop expertise in operating and administering the Azure cloud This book will also be useful for CIOs and CTOs looking to

understand more about how IT can make their business infrastructure more efficient and easier to use which will reduce friction within their organization Knowledge of Azure is helpful but not necessary to get the most out of this guide ASCII Shrug Bing Wang,2022-11-20 Why call the book name ASCII Shrug The born of ASCII makes almost every computing feature possible The born of ASCII transforms computing and our lives in such an easier way sometimes we may finish a job with just a shrug But all these came not easy countless computing scientists and engineers have devoted to create a seirs of milestones Chapter I brings you to hundred years ago even ancient time when civilization just sprouted How number is generated How mathematics and algebra developed How mathematic related with computing Chapter II touches many basic concepts Chapter III goes into a deep further to explain some basic and popular topics in language computing Have you ever thought about the many basics What exactly is iteration and recursion Have you thought about how important floating point is If philosophy can help us understand the world we can trace back to Before Christ Chapter IV tries to illustrate the important programming paradigm from fundamental from philosophy What is object in the world What is object oriented way of thinking from philosophy point of view Chapter V accumulates all the contents in my developer notes it covers data database data modeling SQL server and the evolvment of windows interface implementation and web services implementation over the years Have you thought about SQL server architecture Why the query can run in SQL server Have you seen those SQL errors before Chapter VI pictorial tomorrow s technologies in some computing areas which directions are for programming languages big data and user interface it also lays out some challenges in the research If tomorrow comes we will have something new along with the difficulties we will have lots of work and challenges but we are full of hope we will be looking forward to the coming of each tomorrow **Cloud Native Development with Azure** Pavan

Verma,2024-03-19 Develop cloud native skills by learning Azure cloud infrastructure offerings KEY FEATURES Master cloud native development fundamentals and Azure services Application security monitoring and efficient management Explore advanced services like Azure Machine Learning IoT Hub DESCRIPTION Azure is a powerful cloud computing platform with a wide range of services Reading this book can help you gain an in depth understanding of these services and how to use them effectively Being one of the most popular cloud computing platforms having knowledge and skills in Azure can be a valuable asset in your career Explore Microsoft Azure for cloud native development Understand its basics benefits and services Learn about identity management compute resources and application building Discover containerization with Azure Kubernetes Service and Azure Container Registry Dive into microservices architecture and serverless development with Azure Functions Understand security monitoring logging and CI CD pipelines with Azure DevOps Finally explore advanced services like Azure Machine Learning and Azure IoT Hub with real world case studies and insights into future trends Azure is constantly evolving with new features and services being added regularly Reading books on Azure cloud can help you stay up to date with the latest developments in the platform and keep your skills current WHAT YOU WILL LEARN Design and build scalable

cloud native apps Utilize Azure services for identity compute and storage Implement containerization for efficient packaging and deployment Secure applications with robust Azure security features Manage and monitor applications for optimal performance and reliability

WHO THIS BOOK IS FOR This book is ideal for software developers architects and cloud engineers looking to build and deploy modern scalable applications on the Microsoft Azure cloud platform

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Azure SQL Revealed Bob Ward, 2020-10-30 Access detailed content and examples on Azure SQL a set of cloud services that allows for SQL Server to be deployed in the cloud This book teaches the fundamentals of deployment configuration security performance and availability of Azure SQL from the perspective of these same tasks and capabilities in SQL Server This distinct approach makes this book an ideal learning platform for readers familiar with SQL Server on premises who want to migrate their skills toward providing cloud solutions to an enterprise market that is increasingly cloud focused If you know SQL Server you will love this book You will be able to take your existing knowledge of SQL Server and translate that knowledge into the world of cloud services from the Microsoft Azure platform and in particular into Azure SQL This book provides information never seen before about the history and architecture of Azure SQL Author Bob Ward is a leading expert with access to and support from the Microsoft engineering team that built Azure SQL and related database cloud services He presents powerful behind the scenes insights into the workings of one of the most popular database cloud services in the industry

What You Will Learn

- Know the history of Azure SQL
- Deploy configure and connect to Azure SQL
- Choose the correct way to deploy SQL Server in Azure
- Migrate existing SQL Server instances to Azure SQL
- Monitor and tune Azure SQL s performance to meet your needs
- Ensure your data and application are highly available
- Secure your data from attack and theft

Who This Book Is For This book is designed to teach SQL Server in the Azure cloud to the SQL Server professional Anyone who operates manages or develops applications for SQL Server will benefit from this book Readers will be able to translate their current knowledge of SQL Server especially of SQL Server 2019 directly to Azure This book is ideal for database professionals looking to remain relevant as their customer base moves into the cloud

Machine Intelligence in Mechanical Engineering K. Palanikumar, Elango Natarajan, S. Ramesh, J. Paulo Davim, 2024-01-18 Machine Intelligence in Mechanical Engineering explains the latest applications of machine intelligence and data driven decision making in mechanical engineering industries By providing introductory theory trouble shooting case studies detailed algorithms and implementation instructions this interdisciplinary book will help readers explore additional applications in their own fields Those with a mechanical background will learn the important tasks related to preprocessing of datasets feature extraction verification and validation

of machine learning models which unlock these new methods Machine Intelligence is currently a key topic in industrial automation enabling machines to solve complex engineering tasks and driving efficiencies in the smart production line Smart preventative maintenance systems can prevent machine downtime smart monitoring and control can produce more effective workflows with less human intervention Provides detailed case studies of how machine intelligence has been used in mechanical engineering applications Includes a basic introduction to machine learning algorithms and their implementation Addresses innovative applications of AR VR technology in mechanical engineering

SQL Server 2014 Klemens Konopasek, 2014-09-04 SQL Server 2014 Ideales Praxisbuch f r Ein und Umsteiger die schnell und effizient in die Arbeit mit dem SQL Server einsteigen wollen Fortgeschrittene Techniken zur Backend Programmierung f r Entwickler Grundlagen der Administration f r angehende DBAs Mit aufeinander aufbauenden Beispielen und Praxistipps S mtliche Beispiele aus dem Buch u a Datenbanken SQL Skripte und Visual Studio Projekte finden Sie auf der Verlagswebsite Dieses Standardwerk bietet Ihnen einen kompakten und zugleich umfassenden Einstieg in SQL Server 2014 Mit Konzentration auf das Wesentliche stellt Klemens Konopasek all jene Themen und Funktionen vor die im Hinblick auf Einsatz Programmierung und Administration von Client Server Applikationen besonders wichtig sind und in der Praxis am h ufigsten gebraucht werden angefangen bei Installation und Konfiguration den grundlegenden Werkzeugen wie grafische Tools und SQL bis hin zu Automatisierungsl sungen Power Tools f r Entwickler Sicherheit Verwaltung von Berechtigungen Backup und Recovery bilden einen weiteren Schwerpunkt Aufeinander aufbauende Beispiele helfen Ihnen die zugrunde liegenden Konzepte und Techniken zu verstehen um mit dem SQL Server wirklich effizient arbeiten zu k nnen

AUS DEM INHALT Installation Grafische Werkzeuge Datenbanken und Datenbankobjekte erstellen SQL f r Datenzugriff und Tabellenerstellung Transact SQL f r serverseitige Programmierung Gespeicherte Prozeduren Funktionen und Trigger CLR Integration Serverprogrammierung mit NET Sprachen Data Tier Applications SQL Server Data Tools Client Server Datenbank administrieren sichern und wiederherstellen Sicherheit Zugriffsberechtigungen Datenbank E Mail Integration Services PowerPivot

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