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This invaluable guide includes clear, practical guidance for setting up infrastructure, orchestration, workloads, and governance Learn about the features and capabilities of Azure Synapse Analyticsa cloud-based platform for big data processing and analysis. subscription. With the advent of cloud computing, the amount of data generated every moment reached an unprecedented scale pdf, ePub, online. It takes you through print. Implement production quality data modeling, analytics, and machine learning workloads. Anatomy of a data platform. Manage data inventory Build highly efficient ETL pipelines using the Microsoft Azure Data services. Design and execute batch processing solutions using Azure Data Factory This book teaches you to design and implement robust data engineering solutions using Data Factory, Databricks, Synapse Analytics, Snowflake, Azure SQL database, Stream Analytics, Cosmos Build a data platform to the industry-leading standards set by Microsoft's own infrastructure. Benefits of the cloud. Explain the differences between on-premises and cloud data solutions In Data Engineering on Azure you'll learn the skills you need to build and maintain big data platforms in massive enterprises. Defining data engineering. Manage data inventory. Describe common data engineering concepts. In Data Engineering on Azure you will learn how to: Pick the right Azure services for different data scenarios. from $ Build a data platform to the industry-leading standards set by Microsoft's own infrastructure. Identify Azure services for data engineering This book uses various Azure services to implement and maintain infrastructure to extract data from multiple sources, and then transform and load it for data takes you through different techniques for performing big data This book uses various Azure services to implement and maintain infrastructure to extract data from multiple sources, and then transform and load it for data analysis. Getting started with Azure. includes eBook. Learn how to perform core data engineering workloads on Microsoft Azure In this module you will learn how to: Identify common data engineering tasks. Describe common data engineering practices. Overview of an Azure data platform. In Data Engineering on Azure you will learn how to: Pick the right Azure services for different data scenarios; Manage data inventory; Implement production quality data modeling, analytics, and machine learning workloads; Handle data governance This book uses various Azure services to implement and maintain infrastructure to extract data from multiple sources, and then transform and load it for data analysis. In Data Engineering on Azure you will learn how to: Pick the right Azure services for different data scenarios. Handle data governance This book teaches you to design and implement robust data engineering solutions using Data Factory, Databricks, Synapse Analytics, Snowflake, Azure SQL database, Stream Analytics, Cosmos database, and Data Lake Storage Gen2 Build a data platform to the industry-leading standards set by Microsoft's own infrastructure. This book takes you through different techniques for performing big data engineering using Microsoft cloud services This book teaches you to design and implement robust data engineering solutions using Data Factory, Databricks, Synapse Analytics, Snowflake, Azure SQL database, Stream Analytics, Cosmos database, and Data Lake Storage Gen2 This chapter covers. Create and execute real-time processing solutions using Azure Databricks, Azure Stream Analytics, and Azure Data Explorer. In Data Engineering on Azure you will learn how to: Pick the right Azure services for different data scenarios; Manage data inventory; Implement production quality data modeling, analytics, and machine learning workloads; Handle data governance Choose Microsoft Azure data technologies that meet different business needs and scale to meet demands securely.