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*The Microsoft Azure cloud is
an ideal platform for data-
intensive applications.*

Designed for productivity,

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Azure provides pre-built services that make collection, storage, and analysis much easier to implement and manage. Azure Storage, Streaming, and Batch Analytics teaches

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you how to design a reliable, performant, and cost-effective data infrastructure in Azure by progressively building a complete working analytics system. Summary
The Microsoft Azure cloud is

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an ideal platform for data-intensive applications.

Designed for productivity, Azure provides pre-built services that make collection, storage, and analysis much easier to

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***implement and manage.
Azure Storage, Streaming,
and Batch Analytics teaches
you how to design a reliable,
performant, and cost-
effective data infrastructure
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***building a complete working
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Azure provides dozens of services that simplify storing and processing data. These services are secure, reliable, scalable, and cost efficient. About the book Azure Storage, Streaming, and

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Examples in C# and***

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PowerShell. About the author Richard Nuckolls is a senior developer building big data analytics and reporting systems in Azure. Table of Contents 1 What is data engineering? 2 Building

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an analytics system in Azure
**3 General storage with Azure
Storage accounts 4 Azure
Data Lake Storage 5
Message handling with
Event Hubs 6 Real-time
queries with Azure Stream**

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***Analytics 7 Batch queries
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Analytics 8 U-SQL for
complex analytics 9
Integrating with Azure Data
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***Factory 11 Managed SQL
with Azure SQL Database 12
Integrating Data Factory
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patterns that set cloud-native applications apart. With realistic examples and expert advice for working with apps, data, services, routing, and more, she shows you how to design and build software that functions

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scale configuration management Zero downtime upgrades, versioned services, and parallel deploys Service discovery and dynamic routing Managing interactions between services, including retries

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and circuit breakers About the Reader Requires basic software design skills and an ability to read Java or a similar language. About the Author Cornelia Davis is Vice President of Technology at Pivotal Software. A

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teacher at heart, she's spent the last 25 years making good software and great software developers.

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mechanisms, shared storage, and encryption to make your system resilient! d.

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