Introduction to NoSQL Data Solutions

Modality: On Demand

Duration: 9 Hours

About this Exam:

As a pro of data, you realize that some scenarios, particularly those involving ongoing examination, IoT, site personalization, and apps of mobile are preferable tended to with storage of NoSQL over they are with relational databases. Azure Cosmos DB has a few NoSQL (or Not Only SQ") non-relational information storage alternatives to look over. Azure Cosmos DB is the dispersed multi-model database from Microsoft that replicates your data transparently where your users are. It has expansive, worldwide scale capabilities and features. If you have an information model that is continually evolving and you need to move quickly, that's what these capacity choices are about. With the help of this course, understand with labs, assessments, and a final test, link the specialists to study NoSQL fundamentals, and the way NoSQL has established over time. Discover Azure Cosmos DB, and perceive how to utilize its options for storage in your applications. You'll investigate the DocumentDB API, Tables API, MongoDB API, and that's only the tip of the iceberg.

The normal pay for a NoSQL Database Administrator is $105,000 every year.

Course Objectives:

- NoSQL fundamentals
- NoSQL options in MS Azure
- Main techniques for using Azure Table Storage, DocumentDB, and MongoDB
- Different methods for improving and accessing the performance of your NoSQL storage.

Audience:

- Aspiring Database administrators
- Aspiring Data warehouse professionals
- Aspiring Data Analyst

Prerequisites:

- NoSQL basics
- Key methods for using the Tables API, DocumentDB API, and MongoDB API
- Outline of the options of NoSQL in Azure Cosmos DB
- Different methods for improving and accessing the performance of your NoSQL storage

Course Outline:

Introducing NoSQL Solutions in Azure

- Welcome to the course!
- NoSQL
- NoSQL Solutions in Azure

Azure Storage Tables

- Overview
- Data
- Query and Programming
- Management
- Lab

SQL API in Azure Cosmos DB

- Overview
- Query and Programming
- Data
- Management
- Lab

MongoDB

- Overview
- Query and Programming
- Data
- Management
- Lab

More NoSQL Database Solutions

- Cassandra
- Lucene & Solr
- Azure Search
- HBase
- Redis
- Lab

Final Evaluation

- Exam
- Wrap-up?

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