DP-203: Data Engineering in Microsoft Azure, Part 4 of 7: Streaming Analytics

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Meet the expert: Eshant Garg has 16 years of extensive professional experience with expertise in Database and Business Intelligence Solutions, Advanced Analytics, Design and Solution Architect, Reporting, and Cloud Computing Technologies (Azure & Database and Business Intelligence Solutions, Advanced Analytics, Design and Solution Architect, Reporting, and Cloud Computing Technologies (Azure & Database and Business Intelligence Solutions, Advanced Analytics, Design and Solution Architect, Reporting, and Cloud Computing Technologies (Azure & Database and Business Intelligence Solutions, Advanced Analytics, Design and Solution Architect, Reporting, and Cloud Computing Technologies (Azure & Database and Business Intelligence Solutions, Advanced Analytics, Design and Solution Architect, Reporting, and Cloud Computing Technologies (Azure & Database and Business Intelligence Solutions).

As a developer and architect, he has worked closely with customers, users, and colleagues to support business solutions across a variety of industries including healthcare, insurance, finance, and government ranging from small companies to fortune 500 companies.

Prerequisites: AZ-900 Azure Fundamentals is very helpful but not required. A Candidate for the exam must have strong knowledge of data processing languages such as SQL, Python, or Scala, and they need to understand parallel processing and data architecture patterns.

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Course description: The DP-203 Exam is measured in Four domains: Design and implement data storage (40-45%), Design and develop data processing (25-30%), Design and implement data security (10-15%), and Monitor and optimize data storage and data processing (10-15%).

This course covers Streaming Analytics.

Course outline:

Azure Stream Analytics

- Introduction
- · Learning Objectives
- Introducing Azure Stream Analytics
- · What Is Time Windowing
- Tumbling Window
- · Hopping Window
- Sliding Window
- Session Window
- Summary

Processing Input from Blob Storage

- Introduction
- Demo: Asa Processing Input From Blob Storage
- Configuration Options
- Configure Query
- Summary

Processing Input from IOT Hub

- Introduction
- Demo: Asa Processing Input From lot Hub
- Create Device
- Start The Job
- Summary

