

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

page 1

**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 & AWS).

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.

**Runtime:** 01:01:14

**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 Iot Hub
- Create Device
- Start The Job
- Summary