Building Data Analytics Solutions Using Amazon Redshift

Price: 695

Duration: 1 days

Delivery Methods: Virtual

Overview

In this course, you will build a data analytics solution using Amazon Redshift, a cloud data warehouse service. The course focuses on the data collection, ingestion, cataloging, storage, and processing components of the analytics pipeline. You will learn to integrate Amazon Redshift with a data lake to support both analytics and machine learning workloads. You will also learn to apply security, performance, and cost management best practices to the operation of Amazon Redshift.

Course Objectives:

- Compare the features and benefits of data warehouse, data lakes, and modern data architectures
- Design and implement a data warehouse analytics solution
- Identify and apply appropriate techniques, including compression to optimize data storage
- Select and deploy appropriate options to ingest, transform, and store data
- Choose the appropriate instance and node types, clusters, auto scaling, and network topology for a particular business use case
- Understand how data storage and processing affect the analysis and visualization mechanisms needed to gain actionable business insights
- Secure data at rest and in transit
- Monitor analytics workloads to identify and remediate problems
- Apply cost management best practices

Prerequisites:

- Completed either AWS Technical Essentials or Architecting on AWS
- Completed Building Data Lakes on AWS

Who Should Attend

- This course is intended for data warehouse engineers, data platform engineers, and architects and operators who build and manage data analytics pipelines.

Course Schedule

Date	Time	Price	Options
08/04/2026	11:00 AM - 07:00 PM CT	695.00	**Buy Now** **Enroll**
11/03/2026	09:00 AM - 05:00 PM CT	695.00	**Buy Now** **Enroll**
06/22/2026	08:00 AM - 04:00 PM CT	695.00	**Buy Now** **Enroll**

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FAQ

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Ten (10) business days' notice is required to reschedule a class with no additional fees. Notify TOPTALENT LEARNING as soon as possible at 469-721-6100 or by written notification to info@toptalentlearning.com to avoid rescheduling penalties.

How do I enroll for this class?

Please contact our team at 469-721-6100; we will gladly guide you through the online purchasing process.

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What is your late policy?

If a student is 15 minutes late, they risk losing their seat to a standby student. If a student is 30 minutes late or more, they will need to reschedule. A no-show fee will apply. Retakes are enrolled on a stand-by basis. The student must supply previously issued courseware. Additional fees may apply.

What happens when I finish my class?

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