Fundamentals of a Modern Data Strategy on AWS

aws PARTNER Advanced Tier Training

Event description

Organizations need a data strategy to succeed, but there's no one-size fits all approach. Every organization will have unique objectives and obstacles. Join this event to learn how to modernize, unify, and innovate your way to a modern data strategy with AWS.

- Level: Fundamental
- Duration: 1.5 hours

Key topics covered

During this event, you will learn:

- How AWS services help you modernize, unify, and innovate your data infrastructure
- How to use AWS services to provide secure and well-governed access to data
- How to innovate with AI/ML by harnessing your data with built-in ML

Intended audience

This event is intended for:

- Data architects, data scientists, and data analysts new to the AWS Cloud
- Solutions architects
- Database administrators

Recommended follow-up training and resources

We recommend that attendees of this event continue learning with these:

- Courses
  o Big Data on AWS
  o Building Data Analytics Solutions Using Amazon Redshift
  o Building Data Lakes on AWS
  o Data Warehousing on AWS
  o Planning and Designing Databases on AWS

Event Outline

Section 1: Introduction

- Business value of a modern data strategy
- Challenges
- Use cases
- Traditional vs. cloud
- Modern data strategy on AWS

Section 2: Modernize
- Relational databases
- Purpose-built databases

Section 3: Unify
- Data lakes with Amazon S3
- Lake house approach on AWS
- Purpose-built data services
- Breaking down data silos
- Unified governance

Section 4: Innovate
- Machine learning (ML) services
- Artificial intelligence (AI) services
- Data stores, data lakes, and BI tools with built-in ML

Section 5: Next steps
- Resources to continue learning