Training: AWS
AWS Discovery Day - Data Analytics Fundamentals on AWS

TRAINING GOALS:

Learn about planning data analysis solutions and the various data analytic processes that are involved. Data Analytics Fundamentals on AWS covers five key factors that indicate the need for specific AWS services in collecting, processing, analyzing, and presenting your data. This includes learning basic architectures, value propositions, and potential use cases. You will be introduced to AWS services and solutions to help you build enhanced data analysis solutions.

- **Level**: Fundamental
- **Duration**: 3 hours 30 minutes

Learning objectives

During this event, you will learn how to:

- Identify the characteristics of data analysis solutions and which ones indicate such a solution may be required
- Define types of data, including structured, semi-structured, and unstructured
- Define data storage types such as data lakes, AWS Lake Formation, data warehouses, and the Amazon Simple Storage Service (Amazon S3)
- Analyze batch and stream processing to understand characteristics and differences
- Define how Amazon Kinesis is used to process streaming data
- Analyze the characteristics of different storage systems for source data
- Analyze the characteristics of online transaction processing (OLTP) and online analytical processing (OLAP) systems and their impact on the organization of data within these systems
- Analyze the differences between row-based and columnar data storage methods

Intended audience

This event is intended for:

- Data architects
- Data scientists

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- Data analysts

Recommended follow-up training and resources

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

- AWS Well-Architected Best Practices

Difficulty level

ADDITIONAL INFORMATION:

What is AWS Discovery Days?

AWS Discovery Days, hosted by official AWS Training Partners, introduce cloud concepts, including generative AI, security, machine learning, migrations, and modern data strategy. Expert AWS Instructors will help you learn what’s possible in the cloud and how to achieve it with AWS.

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