databricks

Welcome to Data Engineering with Databricks

Course Objectives

1. Perform common code development tasks in a data engineering workflow using the Databricks **Data Science & Engineering Workspace**.
2. Use **Spark** to extract data from a variety of sources, apply common cleaning transformations, and manipulate complex data to load into **Delta Lake**.
3. Define and schedule data pipelines that incrementally ingest and process data through multiple tables in the lakehouse using **Delta Live Tables**.
4. Orchestrate data pipelines with Databricks **Workflow Jobs** and schedule dashboard updates to keep analytics up-to-date.
5. Configure permissions in **Unity Catalog** to ensure that users have proper access to databases for analytics and dashboarding.

Course Overview

Module 1: Get Started with Databricks Data Science and Engineering Workspace

Module 2: Transform Data with Spark (SQL/PySpark)

Module 3: Manage Data with Delta Lake

Module 4: Build Data Pipelines with Delta Live Tables (SQL/PySpark)

Module 5: Deploy Workloads with Databricks Workflows

Module 6: Manage Data Access for Analytics with Unity Catalog

Databricks Policy on recording Instructor-led Training

We do not permit the recording of any of our instructor-led training classes, whether for internal purposes or on behalf of our customers

Our prohibition on recordings helps protect the privacy of our instructors and students taking our courses

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Databricks Academy

https://www.databricks.com/learn/training/home