

Databricks Certified Data Engineer Associate - Curriculum



<https://linktr.ee/henrylearning>

Section Number	Section	Description
1	Delta Lakehouse and Delta Lake in Databricks	Explore the key features and capabilities of Delta Lake and Delta Lakehouse, and how they enable reliability, performance, and collaborative features on Databricks.
2	Data Science and Engineering Workspaces in Databricks	Discover how to use the Databricks workspace for collaborative data science and engineering, including notebooks, dashboards, and jobs.
3	Relational entities (databases, tables, views) in Databricks	Dive into the Databricks platform's ability to handle relational entities like databases, tables, and views, and understand their usage in practical scenarios.
4	ELT (Spark SQL and Python) in Databricks	Get hands-on with Extract, Load, Transform (ELT) processes using Spark SQL and Python in Databricks, including coding practices and optimization techniques.
5	Structured Streaming and Delta Live Tables in Databricks	Understand how to handle real-time data through structured streaming and Delta Live Tables in Databricks, including setup, management, and troubleshooting.
6	Navigating Workflows and Production Pipelines in Databricks	Learn how to design, implement and manage end-to-end data workflows and production pipelines in Databricks, including best practices for scalability and reliability.
7	Unity Catalog & Entity Permissions in Databricks	Master the usage of Unity Catalog for a unified data access layer, and learn about entity permissions in Databricks for managing access controls.
8	Discover and manage data using Data Explorer in Databricks	Learn how to discover, browse, and manage your data with Databricks' Data Explorer, including exploring schemas, previewing data, and executing SQL queries.
9	Navigating Databricks SQL	Gain a deep understanding of Databricks SQL, its interface, and features to perform complex data analysis and visualization tasks.
10	Exam Preparation	Review the main topics, test-taking strategies, and practice questions for the Databricks Certified Data Engineer Associate certification exam.