# Learning Objectives

- Define Databricks SQL

- Understand permissions management

- Mention Databricks SQL BI workloads

Databricks SQL is an enterprise data warehouse built into Databricks Lakehouse Platform. It provides general compute resources for business intelligence workloads.

# Databricks SQL

- Ideal for SQL and business intelligence applications

- Its computing engine is a SQL data warehouse (endpoint)

- Its computing engine is always based on Spark clusters

# Databricks SQL - managing permissions

- SQL editor via SparkSQL statements

    - GRANT **privilege** ON **data_object** TO **user_or_group_of_users**

    - GRANT **SELECT** ON **TABLE** TO **user_user@company.com**

- SQL warehouse data explorer UI

# Databricks SQL - business intelligence

- Create dashboards and visualisations

- Query data objects (tables, views)

- Save a SparkSQL query

- Refresh the output of a SparkSQL query

- Create (email) alerts on a SparkSQL query output