Lab 21 – Databricks SQL

1. Provision Azure Databricks Workspace

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1. Start a serverless SQL warehouse

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1. Create database schema

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1. Create a table

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1. Create a dashboard

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1. Publish new dashboard

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1. Stop SQL Warehouse

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1. Delete Azure Resources

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Summary:

SQL is an industry standard language for querying data. Databricks includes functionality for SQL that builds Spark and Delta lake technologies to provide a relational database layer over the delta lake. After provisioning an Azure databricks workspace, we launch the workspace and start a Serverless SQL Warehouse. Using the SQL editor we create a database. We create a table in databricks using the products.csv flat file. We then create a retail dashboard and feed a SQL query which forms our dataset using retail\_db.products. We create a bar chat product id by category and publish it for other users to see. We stop the warehouse and delete Azure resources to end the lab.