Retail Sales Analysis Plan

Collect and View the retail sales datatset

Open the excel sheet and inspect the data. Make notes of the columns and rows

Save the file as CSV to upload on Databricks Platform

Login to Databricks to upload and process the dataset

Create the Datasets schema under catalog/workforce database and add the retail sales table.

Preview the table and inspect the data and column data types.

Create a new query under sql editor and select the schema and table.
Call the new table and preview the dataset before processing

Create aggregated columns.
Extract days, months, and years from the date.
Create an age category and a revenue bucket.
Group by all.

Run the code and view the new table.
Save the code and table

Create a new Retail Sales Dashboard from the newly processed table

Create a widget section for totals on the left.
Create four big charts in the middle to display revenue per bucket, day of month, month, and age category.
Create a widget section for filters on the right.

Save the dashboard

Create a retail sales analysis repository on GitHub.

Create a readme file with a brief project overview, data sources, tools and technologies used, and dashboard highlights.

Upload, save, and share the repository files with the public.