COFFEE SHOP SALES ANALYSIS

Data Set (Stored on Big Query) ← The data is from Bright Coffee Shop Sales

ETL Pipeline
Extract- transaction data from CSV file
Transform- Converted dates and time and create calculated columns example total value.
Load- data is stored on Big Query for querying and analyzing.

The data will be analyzed and presented on Excel or Power BI

SQL query (Group By, Order By, Limit, Aggregate Function) ← Transaction Qty / Transaction ID / Unit Price

Get Overview of Sales and store performance (total sales revenue and transactions per day)

SQL Query (Aggregate function, group By, Order By, Limit) ← Product ID / Product Category / Product type / Transaction Qty

check product insight (Find top 5 selling products)

SQL Query (Aggregate function, Group by, Order by, Limit) ← Transaction Time, Transaction Date

Time based (transaction hourly/ every 2 hours, days when there is peak in sales)

SQL Query (Aggregate function, Group by, Limit) ← Transaction Qty / Unit price / Store location

Get the aggregate transactions of values per store location

SQL Query (CASE, Order by) ← Transaction ID / Transaction Date / Store ID / Product ID / Transaction QTY / Unit Price

Categorise transaction into "Low, medium and High"

SQL Query (Min (check the time they open), Max (to check the last hour), CASE statement) ← Store id / Store location / Transaction time

Time bucket of an hour intervals