

SUPERMARKET SALES DATA ANALYSIS

USING SQL

The supermarket sales dataset available on Kaggle is analyzed using SQL.

- I have done some modifications on the dataset and simplified it by excluding some of the columns and created a table supermarket_sales in a MySQL database with the modified version of the dataset.
- After the analysis of the dataset, following outputs were found-
 - Food and beverages in the product category has maximum sales.
 - Customer type member who is female has maximum purchase and male has minimum.
 - The seven quantities have an average quantity of purchase at 5.5100 .
 - The sales made between January to November of 2019 is maximum for normal customer type who is female and buys from home and lifestyle.
 - The top 5 dates are found on which sales is maximum-
'03-09-2019',
'02-07-2019',
'3/14/2019',
'2/15/2019',
'03-02-2019'
 - Date of the sales with the maximum total amount is - date is 01-05-2019 and maximum amount is 1042.65
- We have done several examples that demonstrate how SQL can be used as a data analysis tool. It allows for writing queries that can filter, manipulate, and transform the data stored in relational databases.