

Data Analysis Project Using MS Excel

Coffee Shop Sales

I have done this project to understand what is DATA SCIENCE AND THE job of a DATA SCIENTIST

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Objective

- To learn what is data science
- To understand the responsibilities of a data scientist.
- To analyze retail sales data to gain actionable insights that will enhance the performance of the Coffee Shop.



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Recommended Analysis

- How do sales vary by day of the week and hour of the day?
- Are there any peak times for sales activity?
- What is the total sales revenue for each month?
- How do sales vary across different store locations?
- What is the average price/order per person?
- Which products are the bestselling in terms of quantity and revenue?
- How do sales vary by product category and type?



Results

The data shows on the day to day and hour to hour sales:

Sundays appear to be the busiest day, with the highest foot traffic and total sales (\$300,000.00). Mondays and Tuesdays are also relatively busy days. There is no data on sales by hour of day available in this view of the dashboard.



Results

The total sales revenue for each month is:

- January: \$582,315.54
- February: \$196,405.95
- March: \$400.00
- April: \$2,000.00
- May: \$678,817.11 (to date)
- June: Not Available

Sales vary across different store locations, but there is not enough data in this dashboard view to see how sales vary across locations.

The average price per order is \$4.69.

Results

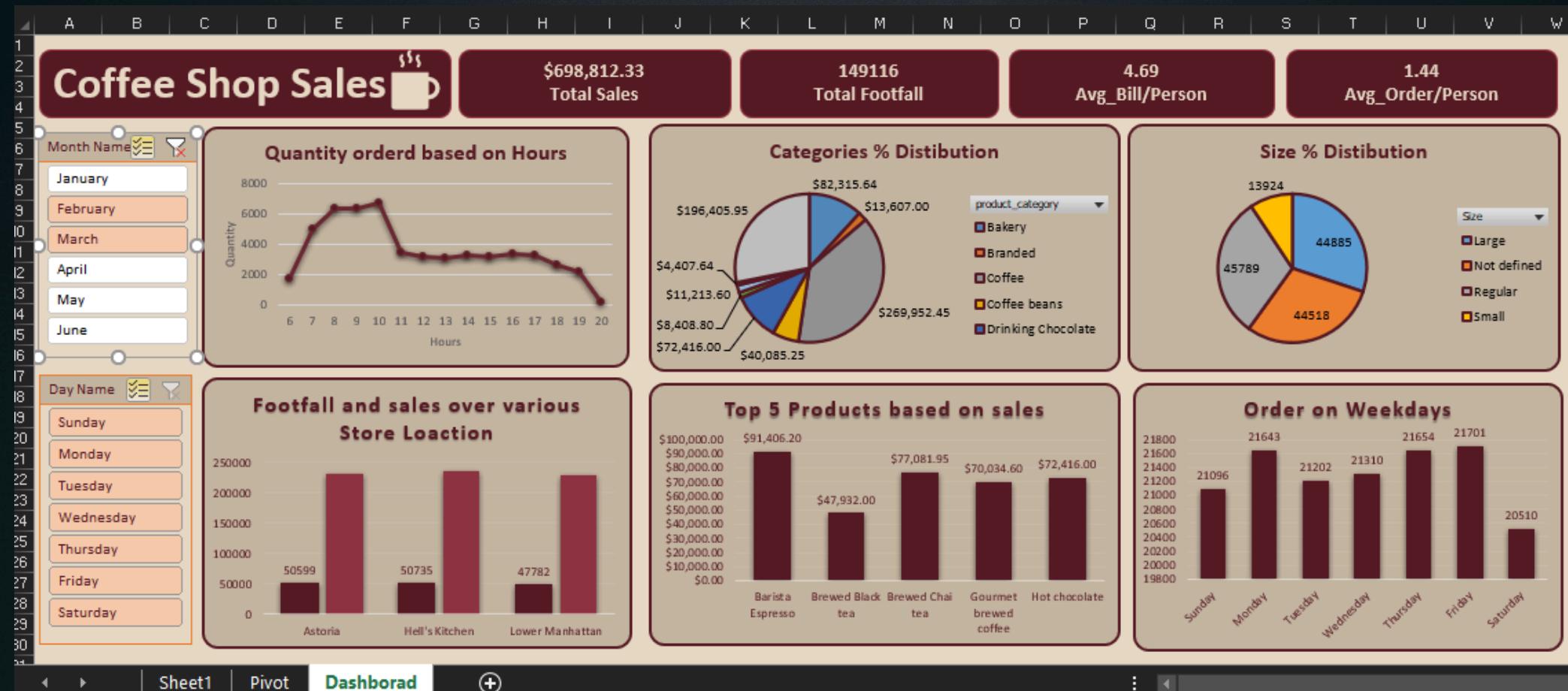
The top 5 products based on sales are:

- Espresso
- Red Stark van Chae Sounnet
- Hutcheslate Coffee
- Asturias Coffee
- Hell'schen Coffee

Sales vary by product category and type, but there is not enough data in this view of the dashboard to see how.



MS Excel Dashboard



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Computer Engineer

Exploring the field of
data science

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Skills

- OOP
- Data Structure
- Database
- Python
- Data Science
- MySQL
- JAVA
- C++ C
- Solidity
- Blockchain
- MS Excel