

SUPERMARKET STORES ANALYSIS



A Python For Data Analytics Project
Presented By: Onoriose Karo Majesty

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KPIs



The store area ranges from 775 to 2229 square feet, with an average of 1485.



The daily customer count ranges from 10 to 1560, with an average of 786.



The store sales ranges from \$14,920 to \$116,320, with an average of \$59,351.



The number of items available ranges from 932 to 2667, with an average of 1782.

A SURVEY OF THE TOP 10 AND BOTTOM 10 STORES BY STORE SALES

The table reveals that the store with the most store sales is store 650, with a sales amount of 116320 dollars.

The store with the least store sales among the top 10 is store 872, with a sales amount of 98260 dollars.

The table also shows that there is a large gap between the store sales of the top store and the bottom store, as well as between the store sales of the adjacent stores.

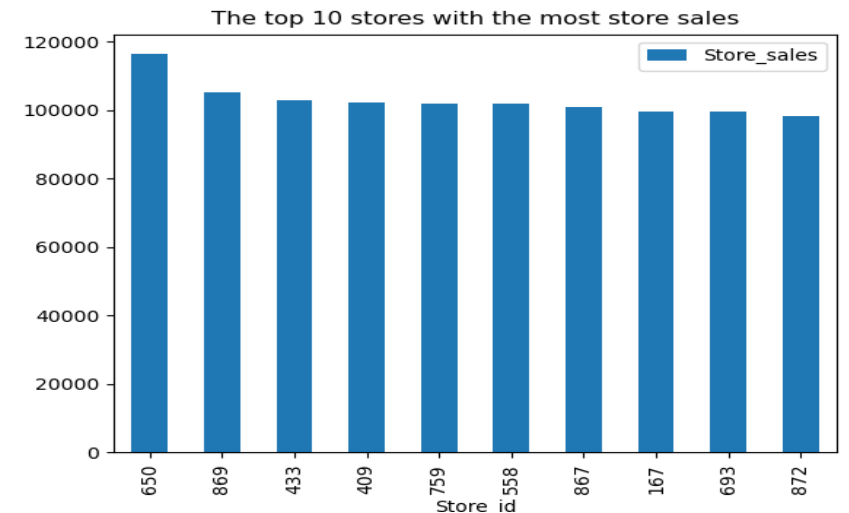
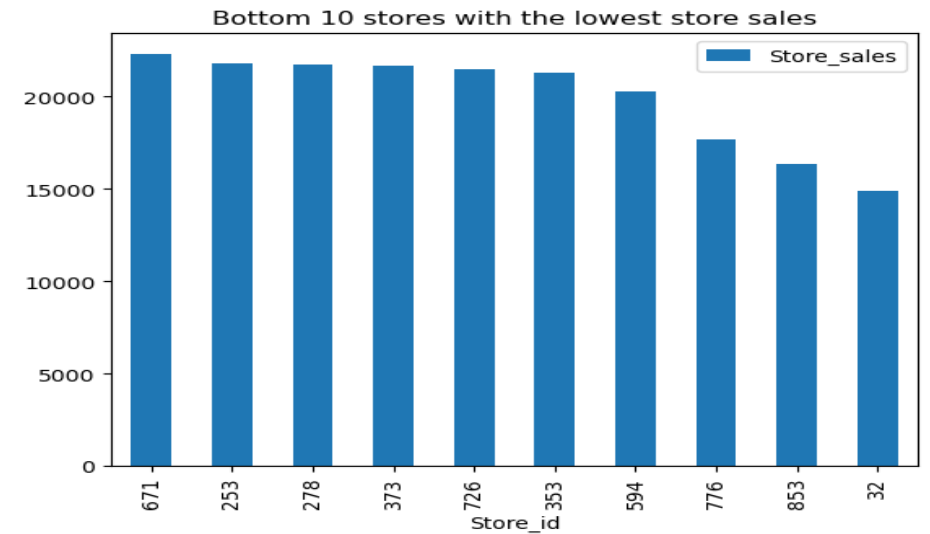
The table can be used to analyze the performance and profitability of the stores, as well as the factors that influence the store sales.

The 2nd chart shows the store ID and store sales of the 10 stores that have the lowest store sales in the dataset.

The chart reveals that the store with the least store sales is store 32, with a sales amount of \$14,920 .

The store with the most store sales among the bottom 10 is store 671, with a sales amount of \$22,310 dollars.

The table also shows that there is a small gap between the store sales of the bottom store and the top store, as well as between the store sales of the adjacent stores.



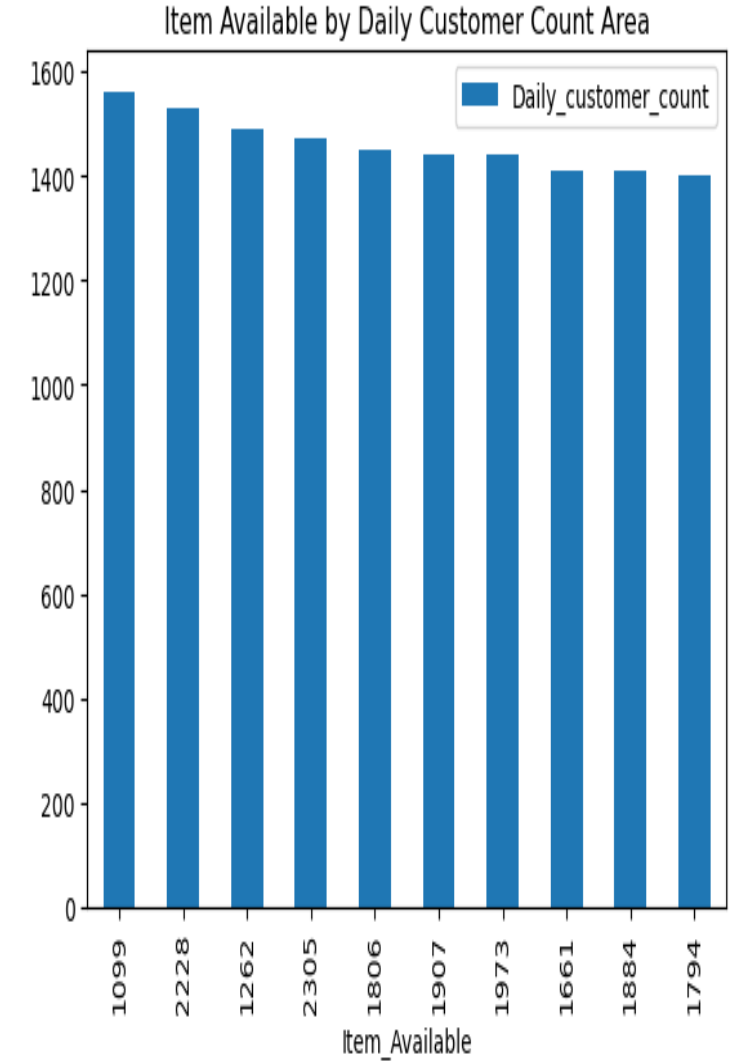
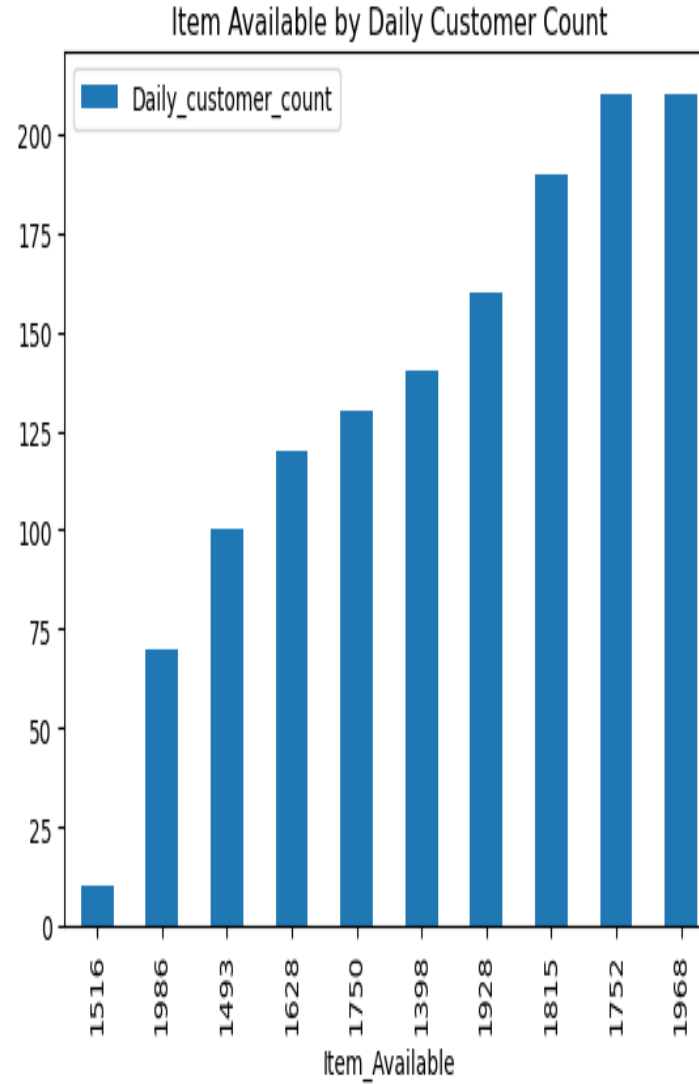
A SURVEY OF THE ITEMS AVAILABLE FOR EACH STORE BY THE CUSTOMER COUNT

Store 849 has the highest customer count of 1560 and 1099 items available

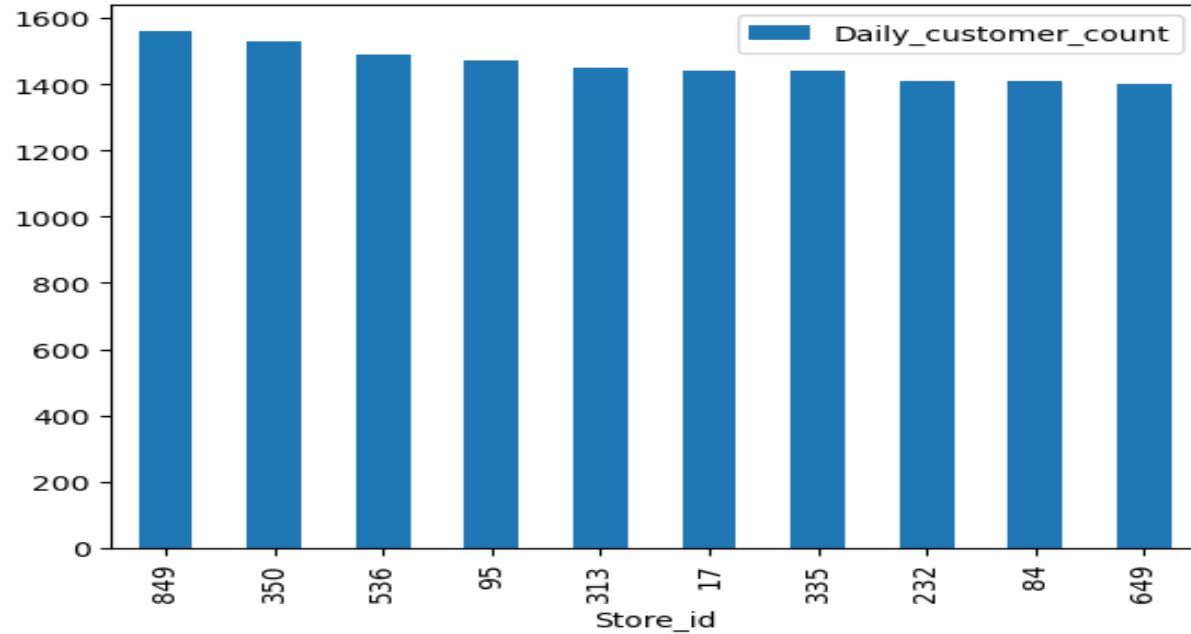
Store 40 has the lowest customer count of 10 with 1516 items available

there is variation in the number of available items and daily customer counts.

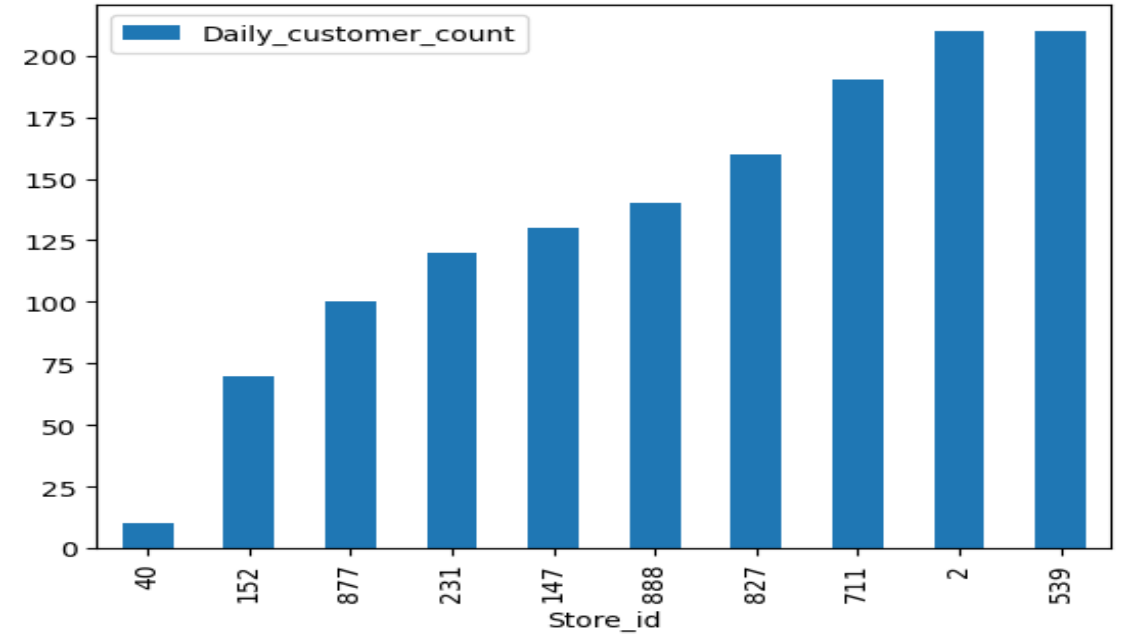
It is interesting to note that despite having low or high customer counts, these stores have a range of item availability, indicating that the number of items available does not necessarily correlate with customer count



The top 10 stores with Most Daily Customers

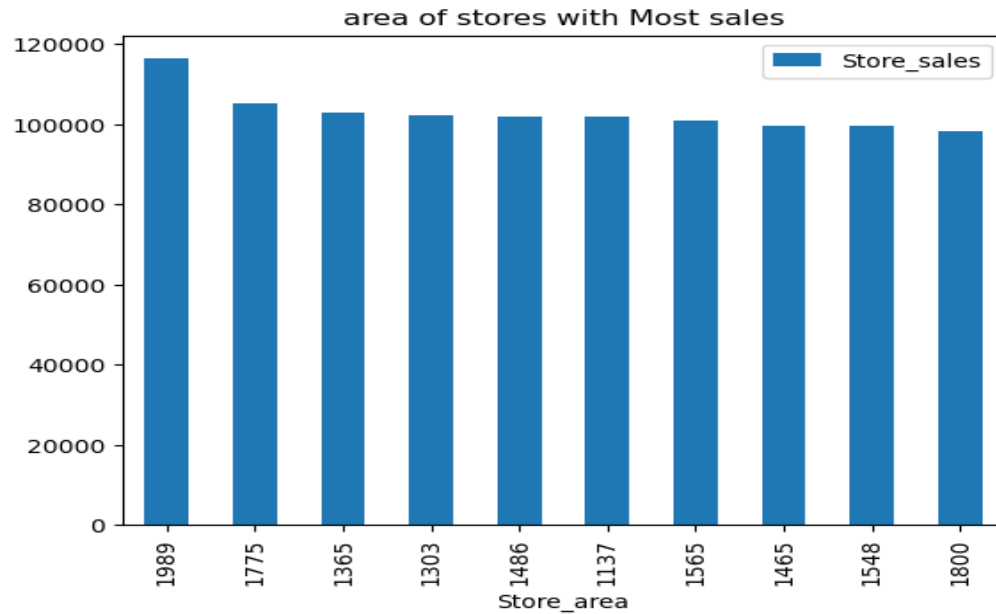


Bottom 10 stores with least Daily Customers



SURVEY OF THE TOP AND BOTTOM STORE BY DAILY CUSTOMER COUNT

The customer counts vary among the stores, with Store 849 having the highest daily customer count of 1560. Store 40 has the lowest customer count of just 10 customers



A SURVEY OF THE STORES WITH THE LARGEST AND SMALLEST AREA BY THE STORE SALES

- It is interesting to note that the stores with the largest areas do not necessarily have the highest sales figures.
- For example, Store 372 has a smaller area size than Store 352 but has a higher sales figure.
- This suggests that other factors, such as product offerings and marketing strategies, may be contributing to the differences in sales figures.