USED CAR SALES IN UNITED STATES EXCEL DASHBOARD PROJECT DESCRIPTION

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Project Objective:

- •Collected raw data from Kaggle.
- •Designed an interactive Excel dashboard for analysis.
- •Focused on key performance indicators (KPIs):

```
Manufacturer
Location (State/Region)
Energy Type
Mileage
Top Distributor
```

•Showcased how these KPIs influence used car sales in the United States.

Functions used:

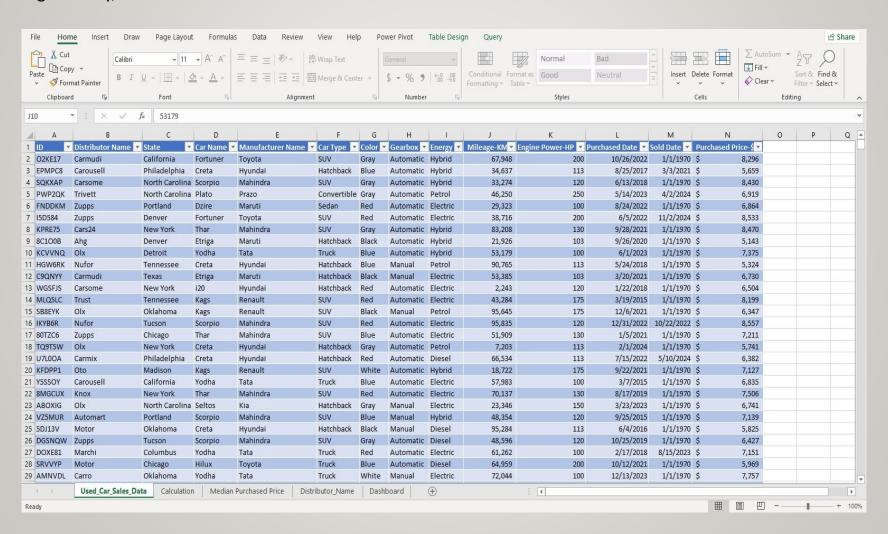
Following functions were employed while building this dashboard;

UNIQUE SORT COUNTIF AVERAGEIF XLOOKUP

In addition to these functions **Data Validation** was also used.

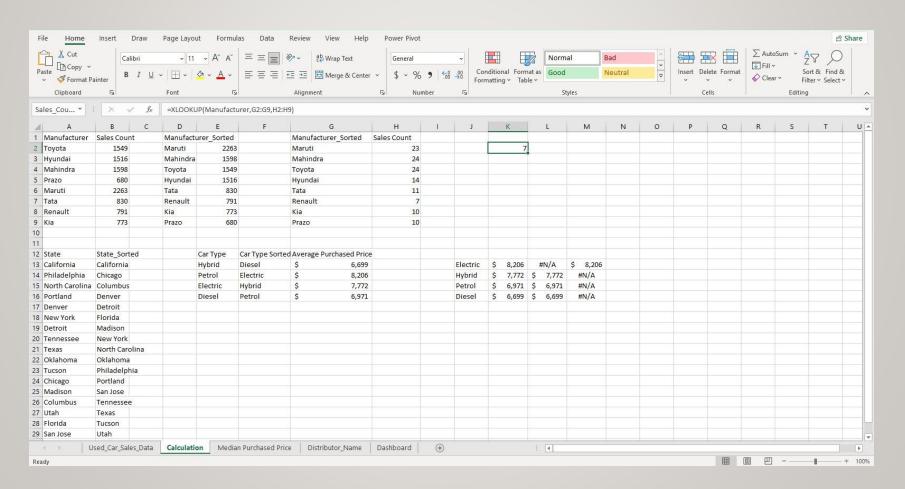
Step 1:

For this Project raw data was imported in the form of a csv file from Kaggle and the loaded in Excel. After doing that the data was formatted in the form of a table. Colums were formatted according to their data type e.g currency, date and number format etc.



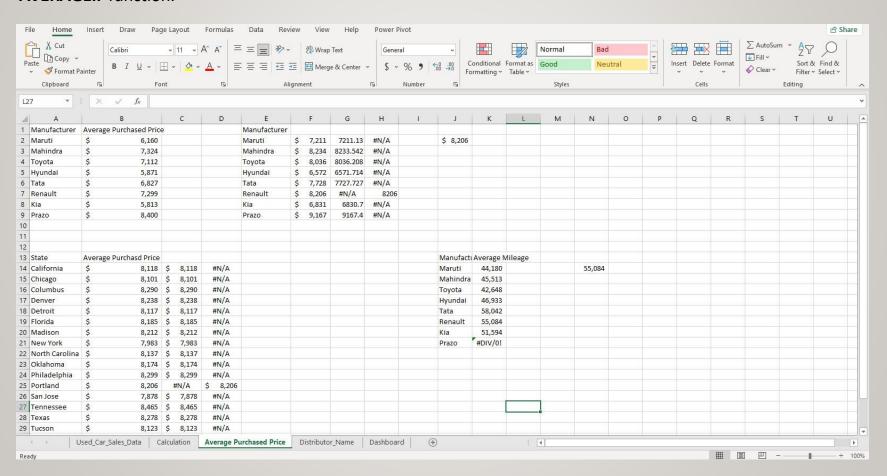
Step 2:

In the next step the actual process of creating a dashboard was initiated. KPIs like Manufacturer, State (Location), Energy Type and Top Distributors were identified and were uniquely sorted by employing UNIQUE and SORT function.



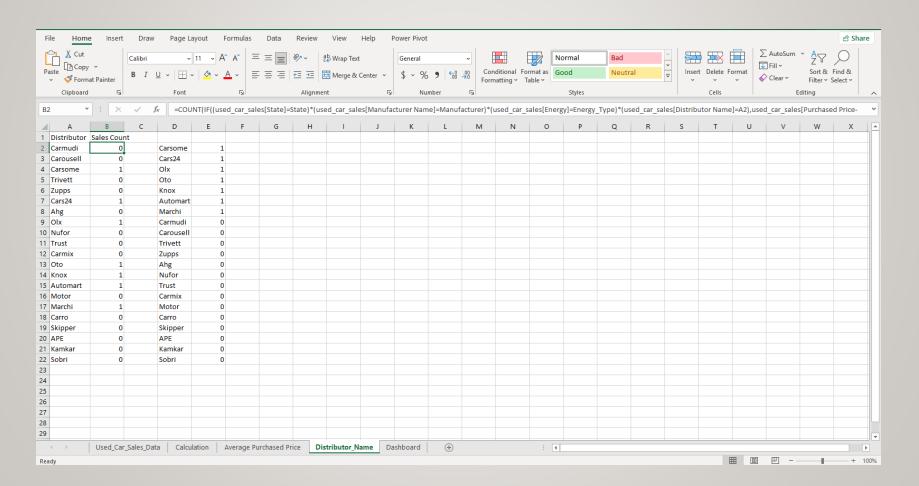
Step 3:

Then for manufacturer **COUNTIF** and AVERAGEIF functions were used. **Average Purchase Price** for state was also measured using **AVERAGEIF** function. In order to calculate **Average Mileage** for each manufacturer I also used **AVERAGEIF** function.



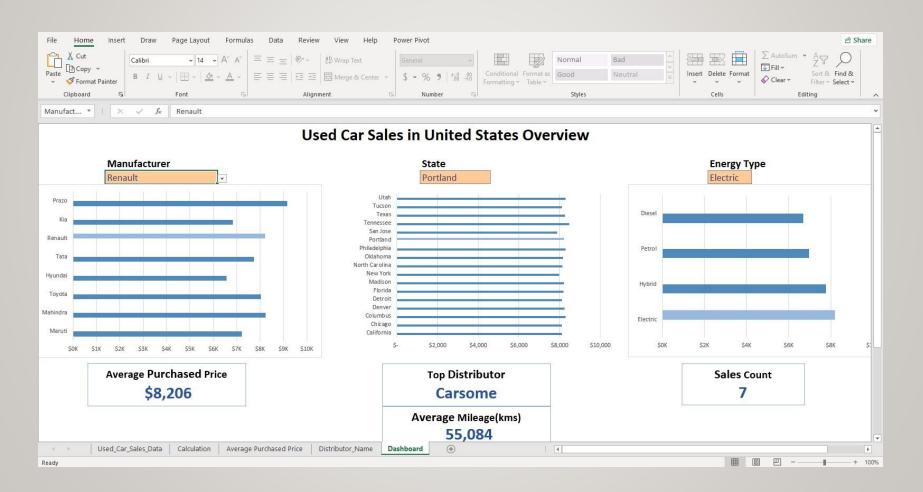
Step 4:

UNIQUE and **SOR**T functions were also used to enlist **Top Distributors**. Then COUNTIF function was used to count the number of sales made by each distributor in correspondence to state, manufacturer and energy type.



Step 5:

The final dashoboard also included KPIs like **Sales Count** and **Average Purchase Price** in addition to **Manufacturer,State,Energy Type** and **Top Distributor** information.



For collaboration, feedback and suggestions regarding this project feel free to mail me at shahidabbas2104514.@gmail.com