Car Dataset Excel Dashboard Analysis:

Column Names: Car Make, Car model, Year, body type, Colour Options, Fuel Type, Engine Size (L), Horsepower, Torque (Nm), Transmission Type, Acceleration (0-60 mph), Top Speed (mph), Mileage (MPG), Safety Features, Entertainment Features, Interior Features, Exterior Features, Price ($), Customer Ratings, Sales Figures (units sold).

Introduction:

The Car Dataset Excel Dashboard provides a summary overview of a car-related data and it is a comprehensive collection of automotive data compiled for factors contributing to the Cars sales and market trends for the changes can be made according to trends. It encompasses a wide range of information related to various car models, their specifications, and market trends. This summary of the Car Dataset aims to provide the factors which are contributing for the sales of the cars according to market trend for providing the better understanding of the key insights and potential factors of the Car dataset.

Key Features(or) Key Insights:

1.) **Car Models and Car Manufactures (Car Make (car company name)):**

   Detailed information about various car models and their respective manufactures, aiding in the analysis of brand distribution and market competition.

2.) **Specifications:** A thorough complication of technical specifications such as engine size, horsepower, fuel efficiency, transmission type, and more, facilitating performance analysis and comparison.

3.) **Price Trends and Sales Data(Units sold of the cars in the body types in the cars brand):** Historical and current pricing data, allowing researchers to track price fluctuations over time and study factors affecting car prices. Insights into sales figures and by seeing the insights from the

dataset given enabling the examination of market trends and consumer preferences.

4.) **Customer Ratings and Market Segmentation(car body type,fuel type etc):**

These both the ratings are the most important features or insights for the Car manufacturing company because based on the Car Brand and model based upon the ratings of the car model of specific brand will be will able to make the changes in the car features according to the customer satisfaction and able to increase the market trends. Data categorization based on car types like car body types, fuel type etc, by aiding and by analysing market segmentation and consumer preferences the chances can be made.

Significance:

The Car Dataset holds immense significance due to its ability to facilitate various analyses, including market research, trend prediction, and decision-making within the automotive industry. We can utilize this dataset to uncover correlations between specifications and sales, identify emerging market trends, assess the impact of technological advancements on customer preferences.

Pivot Tables and Charts:

Distribution of Mileage, Torque, Acceleration and Speed in Cars.

Distribution of Price in Cars.

Distribution of Ratings in Cars.

Units Sold in the Cars.

Distribution of Cars in Body Type, Fuel Type and Engine Size.

Distribution of Horse Power.

Distribution of Torque (Nm).

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Conclusion:

Incorporating a diverse array of automotive data, the Cars Dataset is a valuable tool for us by seeking to a comprehensive understanding of the automotive industry. Its multifaceted nature allows for in-depth exploration of market trends, perform metrics, and consumer behaviour, ultimately contributing to informed insights and strategic decision-making.