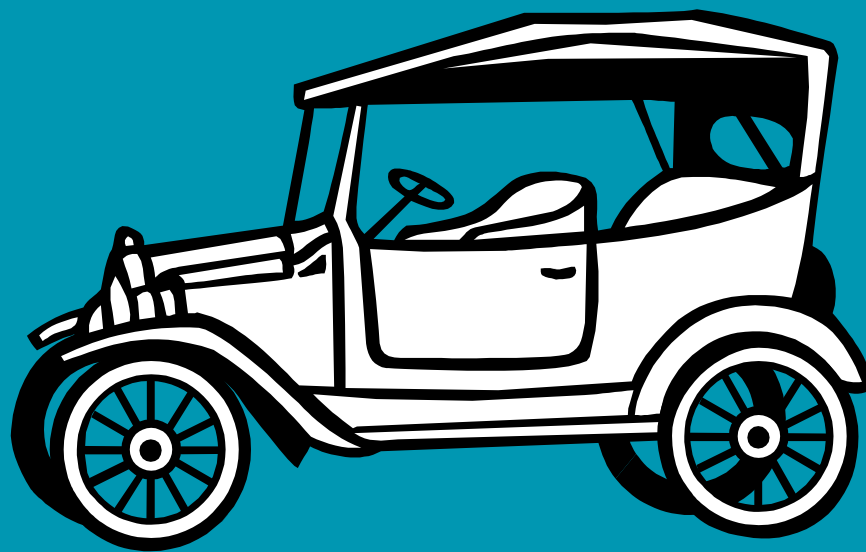


# Automobile Data Analysis: Excel-Based Project



# Tasks Performed

## 1. VLOOKUP Function:

- Integrated columns from different sheets using VLOOKUP to consolidate data.

## 2. Conditional Selection Column:

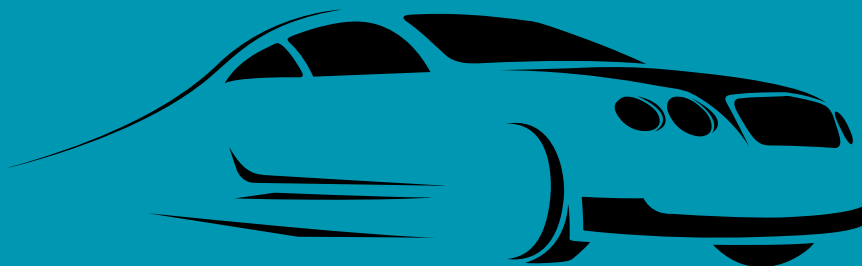
- Created a column named Selection using nested IF and AND formulas to highlight cars based on specific conditions, such as fuel type and price range.

## 3. Model Extraction:

- Extracted car models from the Make Model column using string manipulation functions like RIGHT and LEN.

## 4. Miles Per Year Calculation:

- Derived a new column, Miles Per Year, by converting kilometers to miles and calculating usage per year.



# Key Questions and Insights

**Suzuki CNG Average Price**

**PKR 816,292.93**

**Automatic Local Honda Models (Lahore)**

**304 models**

**Worth of Imported Manual Cars (Karachi)**

**PKR 342,497,996.00 (342.5 Millions PKR)**

**Local - Imported Price Difference**

**PKR 325,987.80 (Local cars are priced higher on average).**

**CNG Cars Percentage (Dataset)**

**2.13 %**

