# Power BI Dashboard

Summary for car price analysis

# Objective

Design an interactive Power BI dashboard for business stakeholders to explore, analyze, and track insights from a car prices dataset.

# List of Contents
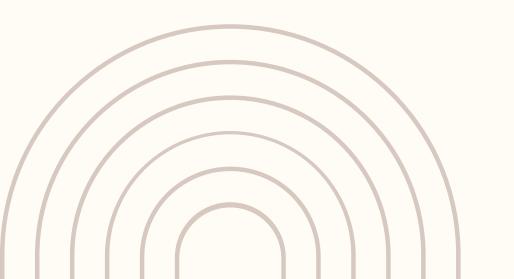
# Clustered Column Chart

- Purpose: Compare Average Car Price by different Car Makes (Brands)
- Insight: Highlights which brands have higher or lower average prices
- Interactivity: Changes dynamically based on slicers

# Stacked Bar Chart

- Purpose: Show Average of selling price by Make
- Insight: Understand preferences across brands
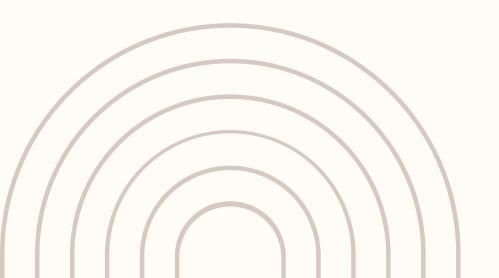- Interactivity: Allows segmentation of selling price by car make

# Line Chart

- Purpose: Visualize Price Trends over Time (Year) by Make
- Insight: Shows price growth, stability, or decline over time
- Axis: Time-based field like Year or Make

# Slicer

- Fields Used: Make, Fuel_Type, Year, Model
- Purpose: Filter the dashboard visuals interactively
- Benefit: Lets stakeholders focus on specific segments (e.g., only Toyota, or Diesel cars)

# Count Of Make

- Purpose: Displays the Total Number of Car Listings
- Method: Used a count function on the Make column
- Insight: Quick glance metric showing how many records/listings are in the dataset

# Table

- Fields Included: Make, Model, Price, Year, Fuel_Type
- Purpose: Provide a detailed view of individual listings
- Function: Acts as a reference for raw data with live filtering

# Thank You