Used Cars Price in Egypt

Not all people are aware or have experience with cars specs and its pricing, especially when we talk about used cars. So, in this project we are creating a model to predict the fare pricing for used cars in Egypt based on some basic info about the cars.

Data used is from Kaggle.com
(https://www.kaggle.com/datasets/abdo977/used-car-price-in-egypt)

The data contains of 12 columns and 14742 rows

The columns are:

- ID
- Brand (the brand name of the car)
- Model (the model name)
- Body (car's body type)
- Color (the car's color)
- Year (year manufactured)
- Fuel (fuel type the car uses)
- Kilometers (no. of kilometers the car used to go in another words "mileage" but in kilometers)
- Engine (the liter capacity of the engine)
- Transmission (it's the type of the engine's transmitting)
- Price (for the price in thousands EGP)
- Gov (the location of the car)

Analysis questions:

1- Which year has the most cars manufactured?
2- Which govs we can find the many cars for sale with many varieties?
3- How the body type affects the price?
4- Which govs have the most average mileage?
5- What are the most successful brands in Egypt?

Problem type: Regression

Target: Price