

Car Price Dataset - Data Analysis Questions

Here are 25 Python-based data analysis questions created for the given Car Price Dataset.

Data Analysis Questions:

- 1 What are the top 10 most common car brands in the dataset?
- 2 What is the average price of a car by brand?
- 3 Which year has the highest number of cars listed?
- 4 What is the distribution of fuel types across all cars?
- 5 How does the average car price vary by transmission type (Manual, Automatic, Semi-Automatic)?
- 6 What is the minimum, maximum, and average mileage in the dataset?
- 7 Which 5 models have the highest average price?
- 8 What is the most common number of doors in the dataset?
- 9 What is the relationship between car age and price?
- 10 Which brands dominate the dataset in terms of car count?
- 11 Which brand has the most expensive average car price?
- 12 Which brand has the cheapest average car price?
- 13 Is there a correlation between mileage and price?
- 14 What is the price trend for cars manufactured after 2015?
- 15 Which 5 brands have the lowest average mileage?
- 16 What is the average mileage difference between Diesel and Petrol cars?
- 17 Do electric cars generally cost more than other fuel types?
- 18 Which transmission type tends to have higher mileage?
- 19 How does mileage vary with the number of previous owners?
- 20 Are newer cars (after 2020) significantly more expensive than older ones?
- 21 What is the average engine size for each brand?
- 22 Does a larger engine size correlate with higher prices?
- 23 Which brand has the widest range of engine sizes?
- 24 How does the number of doors affect car price?
- 25 Do hybrid cars have higher or lower prices compared to petrol cars?