

# Analysis Questions

## Focus on: Car Manufacturer

1. Which manufacturers have the highest number of listings on the website?
2. What is the market share of each manufacturer in terms of the number of listings?
3. What is the distribution of car years on the website?
4. What is the distribution of car ages?
5. What is the distribution of car registration years for each manufacturer?
6. How do the listings of different manufacturers vary across different car registration years?
7. How does the number of owners vary for cars of different manufacturers?
8. How does the distribution of kilometers driven vary among car manufacturers?
9. What is the range of kilometers driven for each car manufacturer?
10. What is the average number of kilometers driven by cars of manufacturers?
11. What is the distribution of kilometers driven by cars?
12. How does the range of kilometers driven vary across different car manufacturers?

## Focus on: Car Models

1. Which car models have the highest and lowest average Kilometers driven?
2. What is the market share distribution of cars listed by the top manufacturers?
3. How many car models does each manufacturer have?
4. What are the top 10 car models that have the highest number of listings?
5. Which car models within each manufacturer have the highest number of listings?
6. Which car models have the highest and lowest average kilometers driven?

## Focus on: Geographic

1. How does the number of car listings vary across different cities?
2. Are there specific cities where certain manufacturers are particularly popular?
3. Are there specific cities where certain car models are particularly popular?
4. Do certain cities have a higher listing of petrol or diesel cars?
5. Is there a preference for manual or automatic transmission cars in specific locations?
6. Which city has the highest average number of owners per car?

7. What is the distribution of kilometers driven by cars in each city?
8. On average, which city has the longest-driven cars?
9. On average which manufacturer has the highest and lowest kilometers driven in each city?
10. Which city has the highest and lowest average kilometers driven by used cars?
11. What are the cities with the highest and lowest average car ages?
12. Which car model has the highest number of listings in each city?

## Focus on: Car Segments

1. How many cars are there in each segment?
2. What is the distribution of listings of car segments among different car manufacturers?
3. What are the popular car segment listings in each city?
4. How does the market share of car segments vary across different cities?
5. Do certain segments tend to have cars with a higher number of previous owners?
6. What is the average age of cars for each car segment?
7. Do specific segments tend to have a preference for a particular transmission type?
8. Are certain segments more likely to have a particular fuel type?
9. Is there a difference in the average kilometers driven among different car segments?

## Focus on: Fuel and Transmission Type

1. What is the listing share of different fuel types?
2. What is the distribution of fuel types among different manufacturers?
3. What is the average number of owners based on the type of fuel?
4. What is the average age of cars of different fuel types?
5. For each registration year, what is the distribution of fuel types?
6. Which car models have the highest and lowest listings based on the fuel type?
7. What is the listing share of different transmission types?
8. What is the distribution of transmission types among different manufacturers?
9. What is the average number of owners based on the type of transmission?
10. What is the average age of cars of different transmission types?
11. For each registration year, what is the distribution of transmission types?
12. Which car models have the highest and lowest listings based on the transmission type?

## Focus on: Misc.

1. Which city has the most number of unique registered series?
2. Which city has the highest number of summer discounts on cars?