Questions

1. Load describe it: `car_sales_data.csv` into Python as a pandas DataFrame and
   - How many records are included?
   - What years of manufacture are represented?
   - Which features are reported?

2. Explore the distribution of key categorical features:
   - Which manufacturers appear most frequently?
   - What are the proportions of different fuel types?

3. Identify extremes:
   - Which car had the highest sale price?
   - Which car had the lowest mileage?
   - Which car had the largest engine size?

4. Create a numerical summary of numerical features. Create visual summaries for price, mileage, and engine size.

5. Produce a scatter plot of price vs mileage, coloured by fuel type.

6. Compute price per kilometre.

7. Plot car price vs year of manufacture, colouring points by manufacturer.

8. Compare Toyota and BMW.