Databases are fundamentally about data, how parts of that data relate to each other, and what questions users need to ask about that data.

Given the following description, list the various pieces of data you would need to track, relationships between those pieces of data, and 6 questions that a user might need to answer about the data. For example, if this was Amazon.com's database, a sample question might be, how many people gave this item a 3 star review?

Simple Car dealership.

The dealership employs a number of people. Some employees manage other employees. Each employee is paid a base salary plus a commission on each car they sell, a commission on the monthly payment of each car they lease someone (while that car is under lease), plus a small percentage of the sales made by anyone they directly manage. (What other data about employees can you think of recording?)

Each car has a make, model, year, color (outer and interior), base price, arrival date. (What else can you think of recording?)

When a car is sold the selling price (which may not equal the base price) and the date are recorded.

Cars can be used or new. New cars come with a warranty option. Used cars have some number of miles on them. Warranties have a price and duration based on miles and time.

This dealership does not have a service department.