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Assignment 1

In this module, you learned that Entity-Relationship Diagrams are a tool to design relational databases, and the concepts of a relational model including the terms entity, attribute, degree, and cardinality. Now let us try and apply the concepts we have learned in this module to a real world example of a database. We will be working on a relational database schema called Car dealership. The diagram below show the schema diagram for the Car Dealership relational database schema.



A database has to be designed to keep track of automobile sales in a car dealership. Please answer the following questions based on the above schema. The answers to these questions are given on the next page.

Question 1: How many relations does the Car dealership Schema contain?

Question 2: How many columns does the relation Car contain?

Question 3: What is the degree of the relation Salesperson?

Click here to verify your solutions...



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