

Classic Models Data

When completed, upload a single plain text file containing queries for the questions below.

Using the import feature of phpMyAdmin, import the classicmodels database using the classicmodels.sql script on Moodle. This will generate all the tables required for the assignment. Examine the database to make sure you understand the purpose of each table.

Using appropriate queries answer the following:

- 1) Find the number of distinct customers who have placed orders.
- 2) Find the number of employees at each office location.
- 3) Find the top ten orders in terms of total quantity ordered.
- 4) Find the total value of orders for each customer.
- 5) Find the total value of orders to customers of each country.
- 6) Using a subquery find the list of products where the MRSP is more than the average product MRSP.
- 7) Using an appropriate string function find the proportion of products that contain the word "Ford" in the productName.
- 8) A user wishes to explore the products where the MRSP is between two specified prices. By using two variables to represent the inputted prices, write a query to return the product details for products between those two prices.
- 9) Create a temporary table to store the total value of all sales to each customer and a separate table to store the total of all payments received from a customer. Using these tables find the amount owed by each customer.
- 10) Using an appropriate join find the products which do not have any sales. Using the database explain the difference between left and right joins.