

Fall 2023

Writing SQL Queries (50 points)

Goal: This project aims to write several different SQL queries to extract data from a database.

Instructions: For this project, create an .sql script titled **IP4_XXX.sql**, where **XXX** are your initials. Also create a GitHub repository titled **IP4_XXX** to which you can push your code. Write and execute the following queries. **Add the snippet of the output in this document and submit it with the sql script.**

The dataset contains five tables: Customer, order line, orders, part, sales rep. Note down all of the primary keys

1. Print all rows and columns of the dataset

[illegible]

2. All rows, last name , first name, sales rep number, city from sales rep table

[illegible]

3. Select order and customer number from orders

7. Select part num, num ordered, quoted price and **total price** where total price is (num_ordered * quoted_price) where only 1 num ordered and the order number is 21617

[illegible]

8. Show all the orders from order date between '2010-10-20' and '2010-10-22'

[illegible]

9. List all of parts where the part description starts with 'D' and end with 'er'

[illegible]

10. Show total balance from customer

14. Create a new table of customer name, last name, and first name from customer and sales rep table by matching up their primary key

[illegible]

Project Submission: Upload a link to your GitHub repository for the project in the area provided in Moodle by the deadline specified.