Practice Lab #6

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UMGC – Summer - 2020

Q1. List all courses that have "Intro to Information Systems" as prerequisite. (HINT: use a subquery)

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Q2. List all courses with above average cost. Display course description, cost, and the average cost of all courses. (HINT: use a subquery)

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Q3. For each zip that has at least one instructor, list the total number of instructors in that zipcode. A screenshot of a social media post

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Q4. For each city in the state of CT, list the total number of students live in that city. Display city, state, number of students in descending order.

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Q5. Find the minimum, maximum, and average grade of final exams in sections taught by Todd Smythe. A screenshot of a social media post

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Q6: For all students who took "Intro to Information Systems", calculate the highest, lowest, and average midterm exam grade for each section. Display Section No and calculation results.

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Q7. List the instructor id and name of the instructors that teach fewer than 10 sections regardless of student enrollment. A screenshot of a social media post

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Q8. Show which city has the most students. Display city and state, and number of students.

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Q9: List all zipcodes where at least three students AND at least four instructor reside. Show zip, state and city. A screenshot of a social media post

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Q10: List all cities that have 10 or more students and instructor combined. Show city, state, number of student residents, number of instructor residents, and total student/instructor residents in that city. Sort by total in descending order.

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