**Week 4 SQL – Assignment**

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This document contains all 10 questions from Week 4 SQL Assignment. A screenshot of the SQL query and data outcome is presented with each question.

1. Write an SQL query to display customer name, country, age and city for only customers that live in the state of Texas and are over 35 years. Sort by customer age in asc order.

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1. Write a query to categorize second class ship\_mode as 2 days shipment, first class ship\_mode as 1 day air, display the count of customer\_id for all orders shipped out in September and October 2017. Display the result for only the top 20 rows.

A picture containing table

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1. Write a query to show the ship mode, ship\_date, total sales, profits and order quantity for all orders that were made the earliest.

Table

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1. Write a query that returns all the orders that are above 1000 in sales, from only first class ship mode and are shipped between may and june 2015.

Table

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1. Write a query that returns all customer’s names that contain the string ‘i’ anywhere in the name, or lives in the city of ‘Madison’ or are 30 years and above. Sort the customer\_name in desc order and return the result for only the top 10 customers.

Table

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1. Write a query to show the total sales, total customers\_id, order\_id, ship\_mode and ship\_date for all orders shipped in June & July 2016

Table

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1. Run a query to fetch the product category, sub-category, sales, product id and ship date of customer’s transaction

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1. Write a query to fetch customer names, age, city, sales, profits, ship mode and ship date of transactions, sort the result in ascending order

A picture containing graphical user interface

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1. Write a query to show the average age of customers, rename the age column to customers age using alias and group by region . Show the result for the first 5 rows

Graphical user interface, text

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1. Write a query for the top 10 orders by fetching customer name, age, state, total sales, total profit, product category and sub category for only orders placed in 2016 in all states excluding Florida & Utah.

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