**Project 3 – Reporting Requirements**

Please use the TSQL2012 Database in the SQL Server Management Studio

for this assignment. Write your queries in the studio to pull the necessary

data. Open an excel workbook with 18 tabs or sheets. Each sheet should

have the data or output of the query generated in a professionally formatted

report. The query used to pull the data should be put in a notepad and

submitted together with the excel report. Please present a very neat work

as possible.

1. Get me a report on the number of employees in the company.

2. Get me a report of all employees’ regions and the number of employees

who lives in that region.

3. Get me a report of all order IDs and the total amount of freights

associated with that order.

4. Get me a report of the order ID, order date, and the complete location of the

order, which is a combination of ship city and ship region.

5. Get the employee’s name which is the combination of the first and last

names, the city, and the first three characters of the employee’s city as

Abbreviated City.

6. Get the employee’s last name, first name, and the length of characters of

the employee’s last name as Name Length.

7. Get the supplier ID, contact name, and region. Please replace all the

Null regions with ‘CA’.

8. Get the employee’s last name, first name, and the number of years he/she

has been employed by the company.

9. Get the employee’s last name, first name, title, and age.

10. Get the employee's last name, first name, title, and age for all employees

with greater than the average age.

11. Use the Numbs table to generate a result with a row for each weekday

(1 through 7) and shift numbers (1 through 3), assuming there are three

shifts a day. The result can later be used as the basis for building

information about activities in the different shifts on different days.

With 7 days in the week and 3 shifts every day, the result should be 21

rows.

12. Write a query that returns suppliers from Japan and the products they

supply.

13. Write a query to return the employee id, the employee name which is a

combination of the first and last names and match with their manager’s

name which is a combination of their first and last names.

14. Write a query that returns suppliers from Japan and the products they

supply, including suppliers from Japan that don’t have related products.

15. Write a query that returns locations that are employee locations or

customer locations or both. (i.e: location here is selecting country,

region, city).

16. Write a query that returns locations that are employee locations or

customer locations. (i.e: location here is selecting country, region, city).

17. Generate a report showing all customers without orders. Please

remember to include null in your filter.

18. Write a query that returns all customers, but matches orders only if

they were placed in FEBRUARY 2008.

**Note: This assignment is intended to build your understanding and effective SQL query writing skills. The questions are a bit challenging but simple if you take your time to understand the requirements. I expect you to use the notes you made in class and the various resources available online to answer the questions.**

**Please take your time and get this as precise as possible as it will go toward your overall evaluation and recommendation. USE THE INTERNET AS MUCH AS POSSIBLE IF NEEDED.**

Good Luck!!!