

Computing for Business Analytics

Homework 4

Check Canvas for the Due date of this assignment.

- Use the **AdventureWorksLT** database.
 - Make sure that you give all column names resulting from the queries a meaningful name.
 - Submit the queries in an SQL file.
 - Do NOT paste the results of executing the query.
 - Save the file as *YourLastNameSQLAssign3.*
 - Make sure you include your name on the assignment you submit.
 - Submit the assignment in Canvas
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1. For each Customer (Last Name and First Name), show their Company Name what Address Type they have.
 2. Show Company Names for all companies whose Address Type is Shipping
 3. Show all Customer Last Names and how many address types they have.
 4. Show all Customer Last Names and who have at least 2 Address Types.
 5. Show all Customer Last Names that start with the letters A through H and who have at least 2 Address Types.
 6. For each Customer (Last Name and First Name), show their Address (including City, State, Zip)
 7. For each Customer (Last Name and First Name), show their Address (including City, State, Zip) only if their Second Address Line has a value.
 8. Show all Company Names who have at least 2 Address Types and the addresses are in Texas, Colorado, or Washington.

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9. For each Sales Order, show the Customer (Last Name and First Name) and the Total Due.
10. Show the Total Spent/Due (same thing) on each Product Name.
11. Show the Total Spent/Due on each Product Name only for those Products whose Name starts with 'Mount'.
12. Show the Total Spent/Due on each Product Name only for those Products whose Color was Black or Blue.
13. For each Sales Order, show the Customer (Last Name and First Name) and the Total Spent/Due WHEN more than 25 different Products were purchased on a Sales Order.
14. Show the Total Spent/Due on each Product Name only for those Products whose Name has 'Mount' somewhere in it AND whose color was Yellow or Black.
15. Show the Customer (Last Name and First Name) and Product Names they bought where the Product Color was Red.