DML (Advanced)

1. Find the Customers whose PostalCity='New York' (or any city of your choice) and that have the same number of CustomerTransactions and StockItemTransactions.

```
SELECT *

FROM Sales.Customers c

JOIN Sales.CustomerITransactions ct

ON c.CustomerID = ct.CustomerID

JOIN Warehouse.StockItemTransactions it

ON c.CustomerID = it.CustomerID

JOIN Application.Cities city

ON c.PostalCityID = city.CityID

WHERE city.CityName = 'New York'

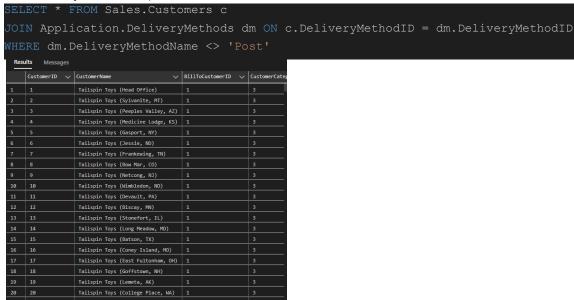
AND (SELECT COUNT(*) FROM Sales.CustomerTransactions WHERE

CustomerID = c.CustomerID) =

(SELECT COUNT(*) FROM Warehouse.StockItemTransactions WHERE

CustomerID = c.CustomerID);
```

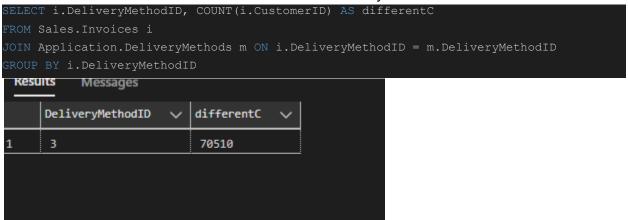
2. Find the customers that haven't had an order with DeliveryMethod="FedEx" (or any delivery method of your choice).



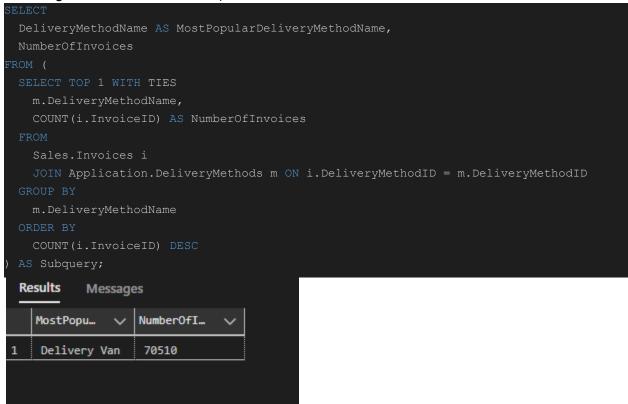
4. Update these people from the previous requirement, so that the People.lsPermitedToLogon=FALSE.

```
UPDATE WideWorldImporters.Application.People
SET IsPermittedToLogon = 'FALSE'
```

5. Find the number of different customers for each DeliveryMethod based on the Invoices table.



6. Find the DeliveryMethodName of the most popular DeliveryMethod (the one which was used in the highest number of Invoices).



7.For the CustomerCategory "Corporate Clients" (or any category of your choice), find the FullName of all SalesPersons and the number of Orders in which they received the order.

```
p.FullName AS SalesPersonFullName,
COUNT(o.OrderID) AS NumberOfOrders
FROM
Sales.CustomerCategories cc
JOIN
Sales.Customers c ON cc.CustomerCategoryID = c.CustomerCategoryID
JOIN
Application.People p ON c.PrimaryContactPersonID = p.PersonID
JOIN
Sales.Orders o ON p.PersonID = o.SalespersonPersonID
WHERE
cc.CustomerCategoryName = 'Agent'
GROUP BY
p.FullName;

Results Messages

SalesPersonFull... NumberOfOrders
```

10. Find the CustomerCategories that have at least one customer which had less than 100 StockItemTransactions

```
SELECT DISTINCT cc.CustomerCategoryID, cc.CustomerCategoryName

FROM Sales.CustomerCategories cc

JOIN Sales.Customers c ON cc.CustomerCategoryID = c.CustomerCategoryID

JOIN Warehouse.StockItemTransactions sit ON c.CustomerID =

sit.CustomerID

GROUP BY cc.CustomerCategoryID, cc.CustomerCategoryName

HAVING COUNT(sit.CustomerID) < 100
```