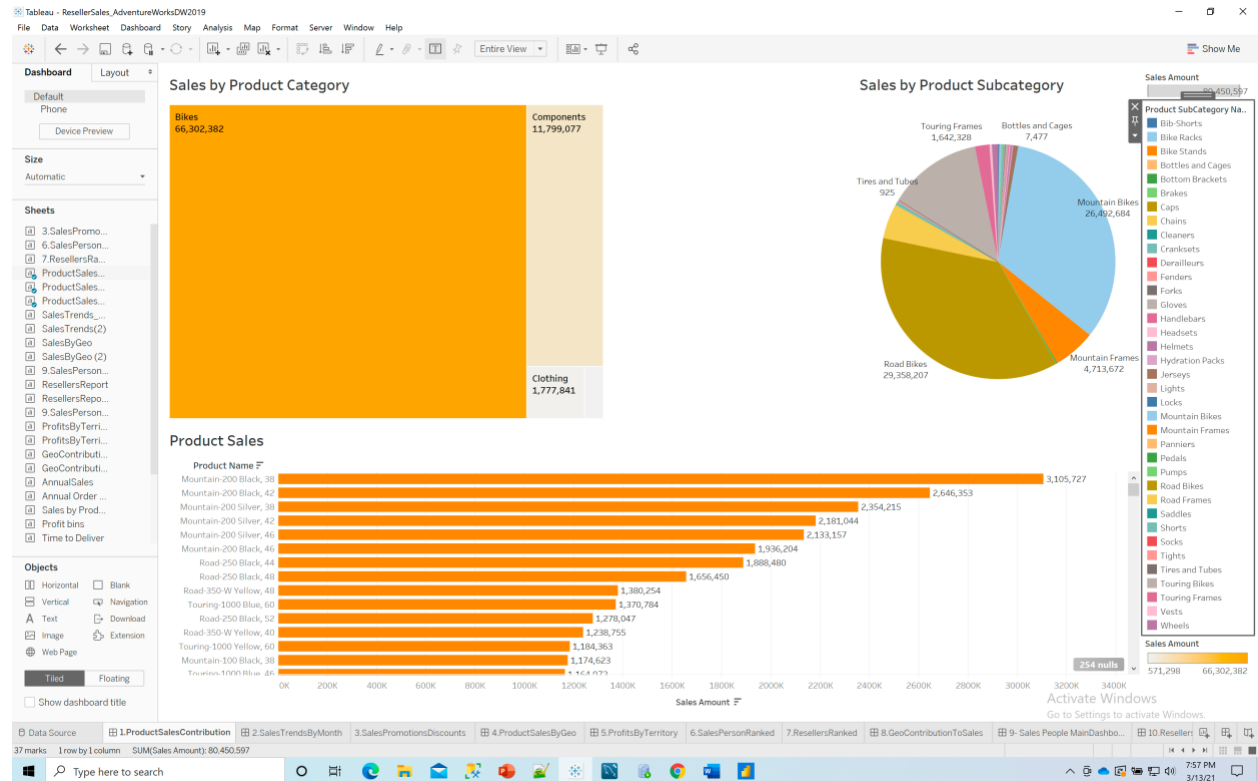


Tableau & SQL Server Screen shots

1. Product Contribution of Sales



ResellerAdventureWorksDW2019Tableau.sql - localhost:AdventureWorksDW (info7370 (53)) - Microsoft SQL Server Enterprise Manager (Administrator)

Object Explorer: localhost (SQL Server 15.0.2080.9 - SHIVBHATTAR)

Query: ResellerAdventureWorksDW (info7370 (53))

```

-- 1. Product Contribution of Sales
SELECT pc.englishproductcategoryname AS ProductCategory, SUM(frs.salesamount) as SalesAmount
FROM FactResellerSales frs
JOIN DimProduct dp ON frs.ProductKey = dp.ProductKey
JOIN DimProductSubcategory ps ON dp.ProductSubcategoryKey = ps.ProductSubcategoryKey
JOIN DimProductCategory pc ON ps.ProductCategoryKey = pc.ProductCategoryKey
GROUP BY pc.englishproductcategoryname
ORDER BY SalesAmount DESC

--- 2. Sales Trends & Forecast (by Month)
SELECT DATENAME(mm, OrderDate) as OrderMonthName, SUM(frs.salesamount) as SalesAmount
FROM FactResellerSales frs
GROUP BY DATENAME(mm, OrderDate)
ORDER BY sum(SalesAmount) DESC

--- 3. Sales Promotions & Discounts
SELECT p.EnglishPromotionCategory as PromotionCategory,
p.EnglishPromotionType as PromotionType,
p.EnglishPromotionFromDate as PromotionFromDate

```

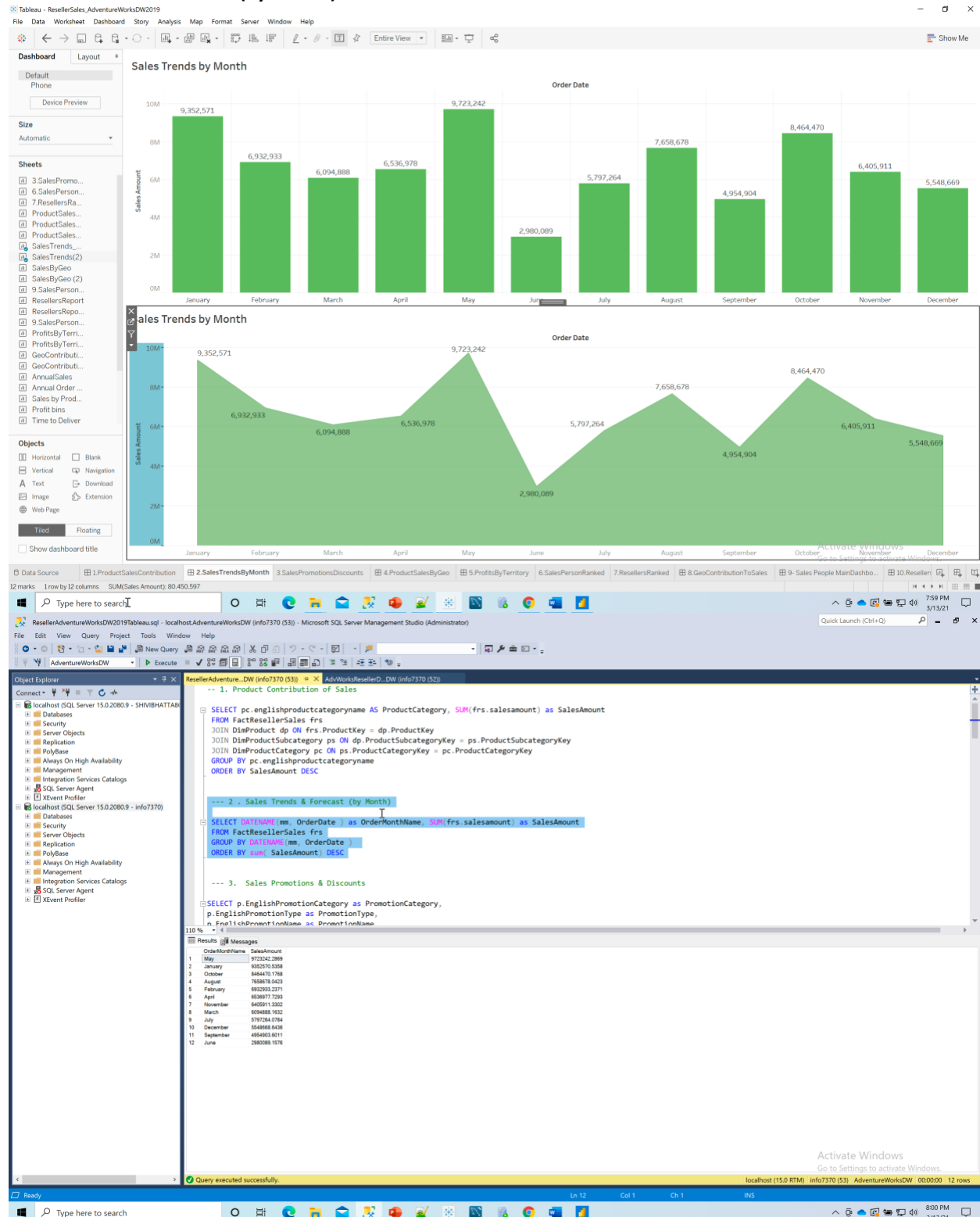
Results: Messages

ProductCategory	SalesAmount
Bikes	6832381.987
Components	11796076.8884
Clothing	1773461.8391
Accessories	571287.8278

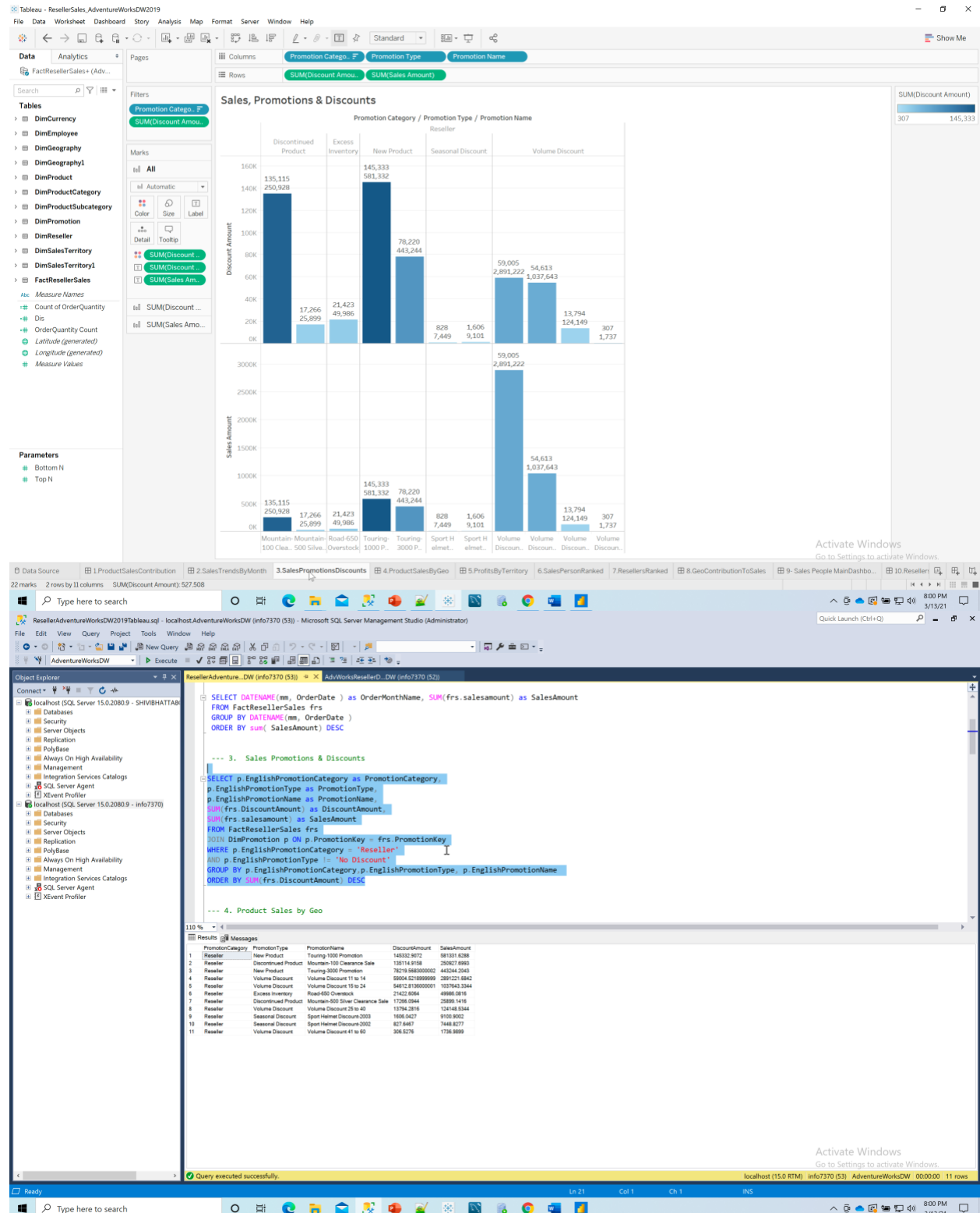
Query executed successfully.

localhost (15.0 RTM) info7370 (53) AdventureWorksDW 00:00:18 4 rows

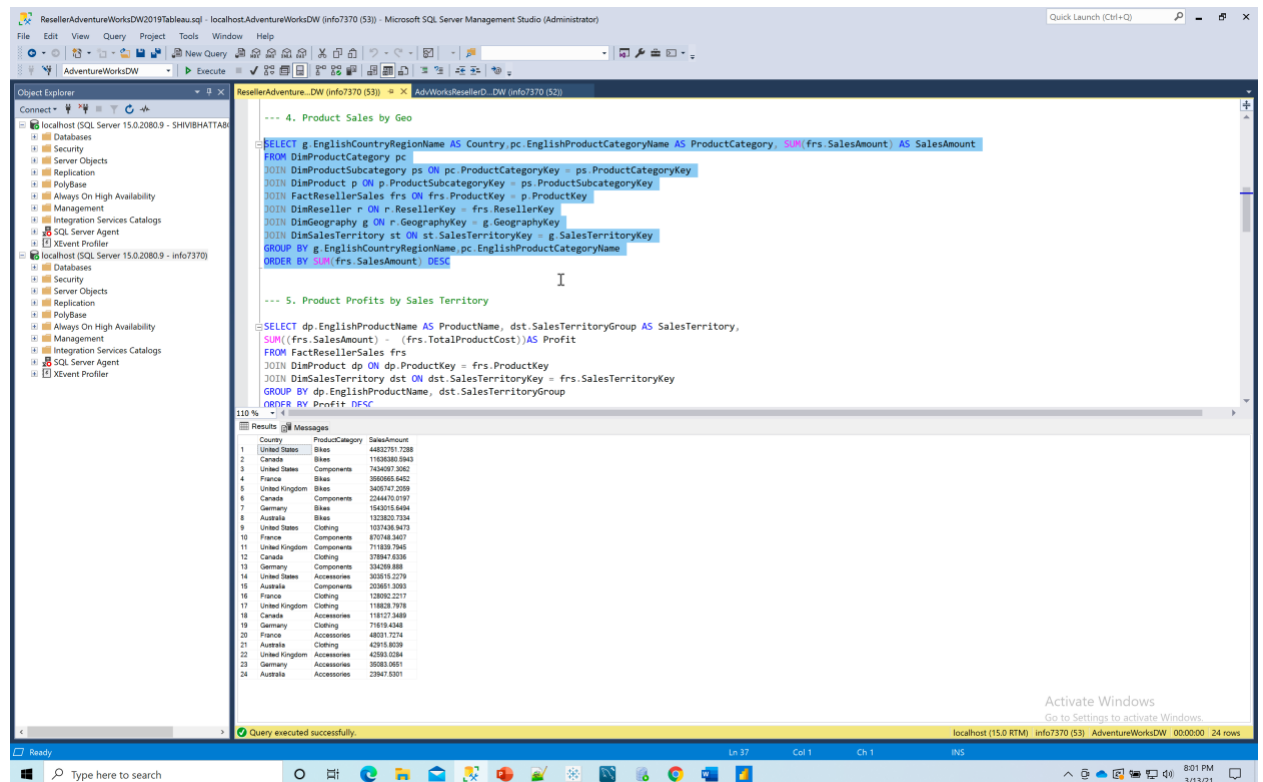
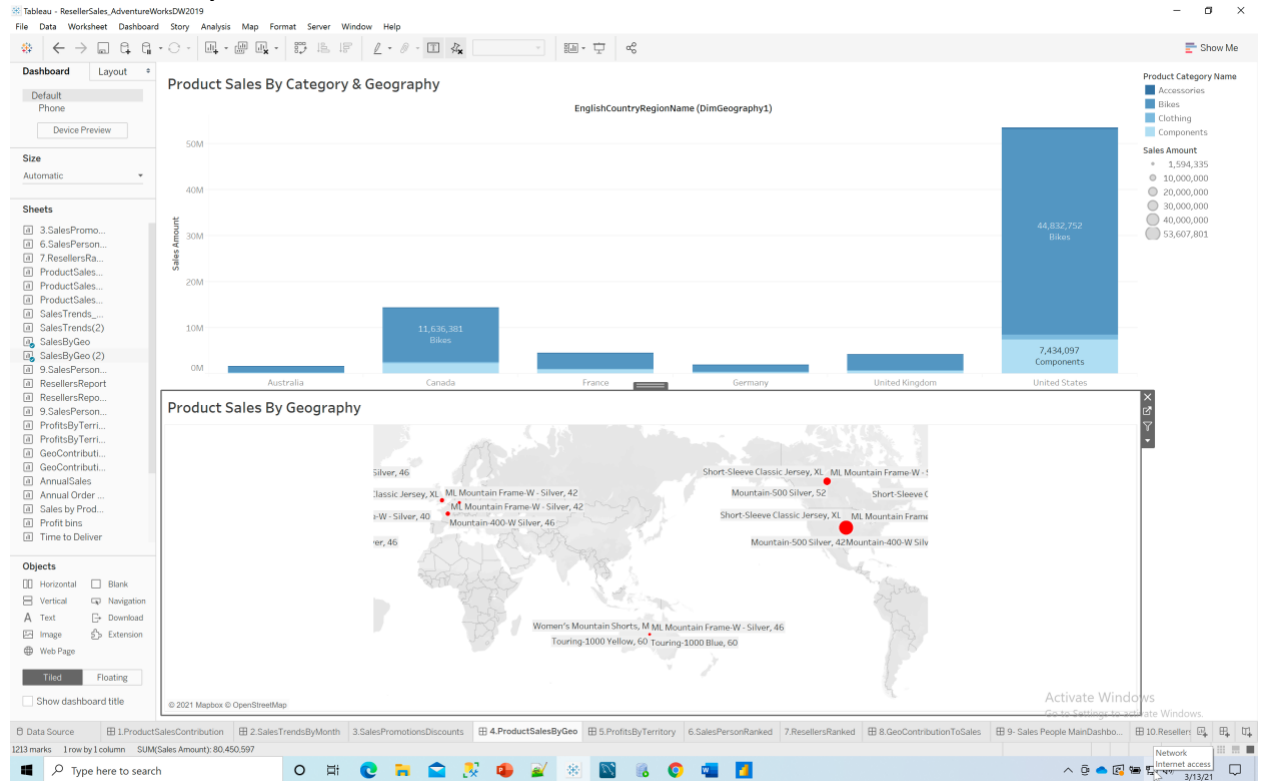
2. Sales Trends & Forecast (by Month)



3. Sales Promotions & Discounts



4. Product Sales by Geo



6. Top Salespeople ranked

Tableau - ResellerSales_AdventureWorksDW2019

File Data Worksheet Dashboard Story Analysis Map Format Server Window Help

Columns: SUM(Sales Amount)

Rows: EmployeeName

Top Sales People Ranked

EmployeeName

Top N: 10

Activate Windows
Go to Settings to activate Windows.

6.SalesPersonRanked

10 marks 10 rows by 1 column SUM(Sales Amount) 69,603,771

Type here to search

ResellerAdventure.DW (info7370 (53)) - Microsoft SQL Server Management Studio (Administrator)

Object Explorer

Connect to: localhost [SQL Server 15.0.2080.9 - SHVIBHATTAR]

localhost [SQL Server 15.0.2080.9 - info7370]

ResellerAdventure.DW (info7370 (53))

```

SUM((frs.SalesAmount) - (frs.TotalProductCost)) AS Profit
FROM FactResellerSales frs
JOIN DimProduct dp ON dp.ProductKey = frs.ProductKey
JOIN DimSalesTerritory dst ON dst.SalesTerritoryKey = frs.SalesTerritoryKey
GROUP BY dp.EnglishProductName, dst.SalesTerritoryGroup
ORDER BY Profit DESC

--- 6 . Top Salespeople ranked
SELECT top 10
CONCAT(e.LastName, ', ', e.FirstName) as EmployeeName,
SUM(frs.SalesAmount) as SalesAmount
FROM FactResellerSales frs
JOIN DimEmployee e on e.EmployeeKey = frs.EmployeeKey
GROUP BY e.LastName, e.FirstName
ORDER BY SUM(SalesAmount) desc

--- 7 . Top Resellers (Stores) ranked
SELECT r.ResellerName,
SUM(frs.SalesAmount) as SalesAmount

```

110 %

Result Messages

	EmployeeName	SalesAmount
1	Mitchell, Linda	10367007.4286
2	Carson, Jillian	1006803.8429
3	Blythe, Michael	92993.0055
4	Pak, Jas	860338.6472
5	Reiter, Tovi	717012.7514
6	Ito, Shu	642708.8588
7	Sarahva, Josd	592615.3574
8	Varkey Chudukattil, Ranjit	450988.933
9	Campbell, David	372940.3501
10	Vargas, Garrett	360941.2183

Query executed successfully.

localhost (15.0 RTM) info7370 (53) AdventureWorksDW 00:00:00 10 rows

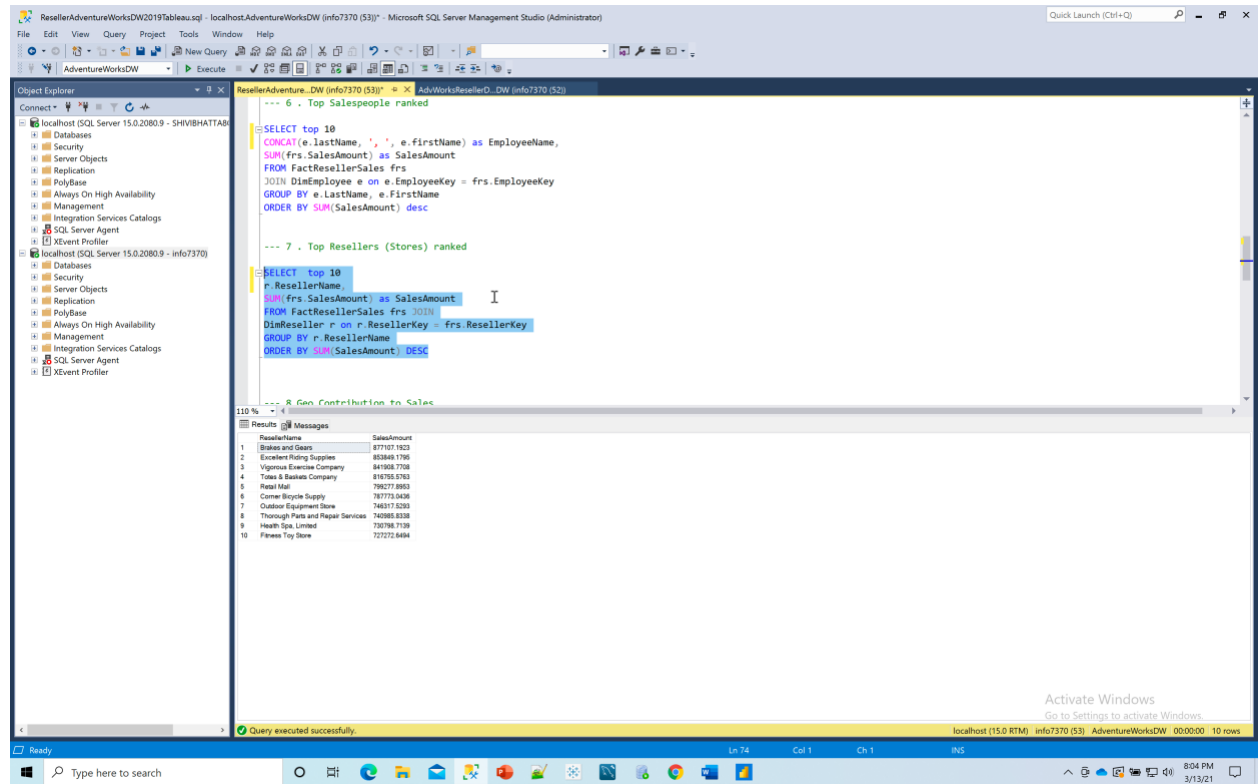
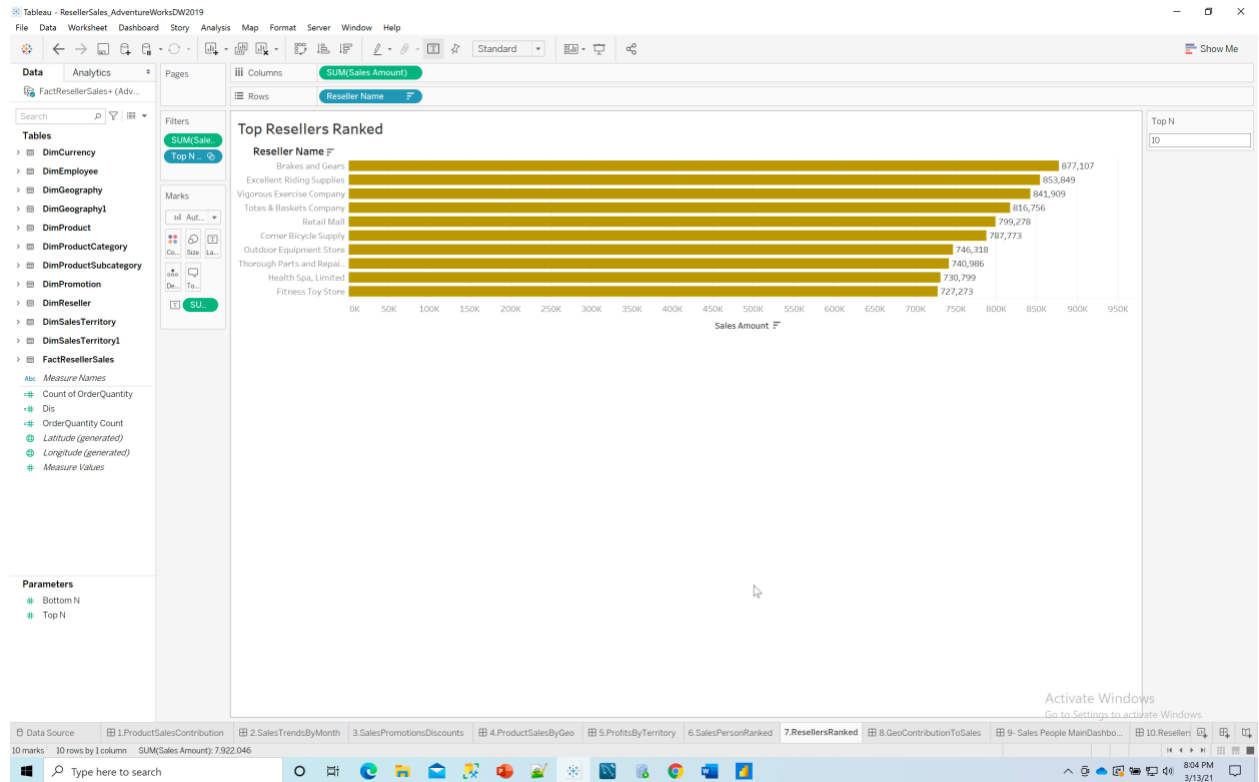
Ready

Type here to search

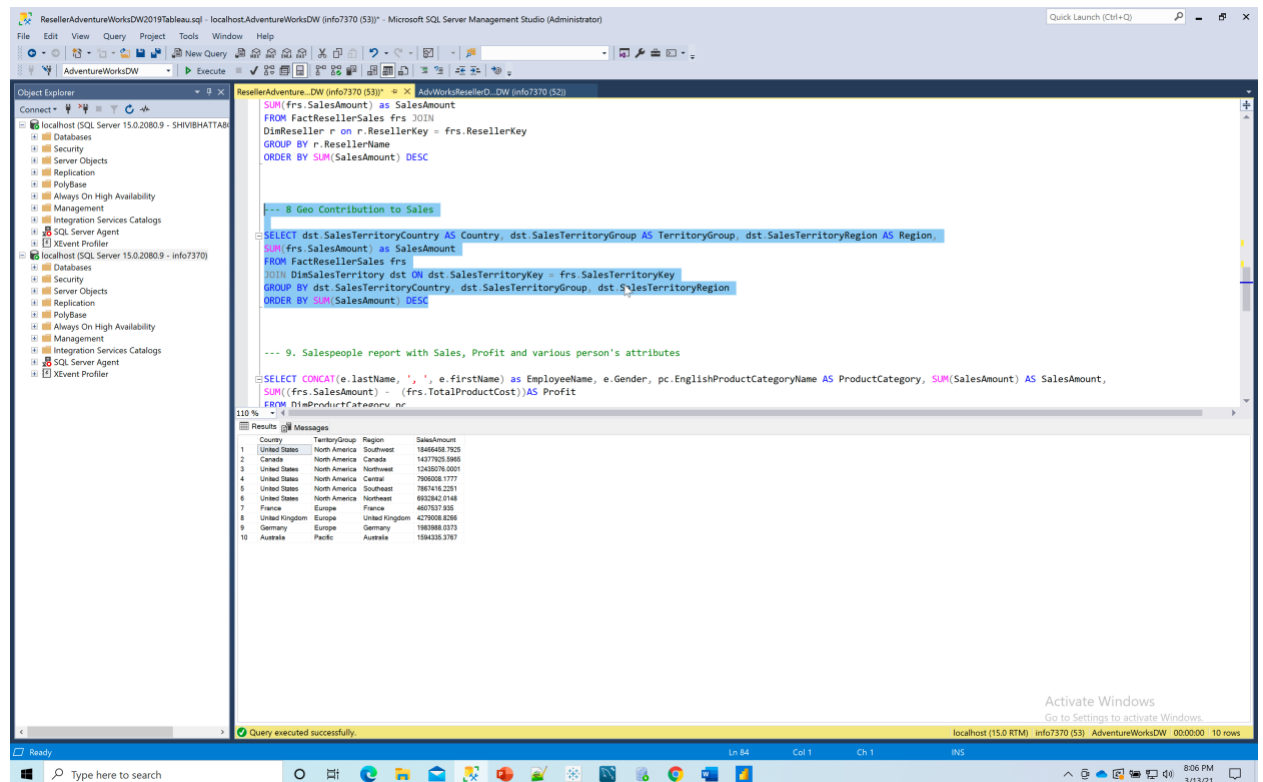
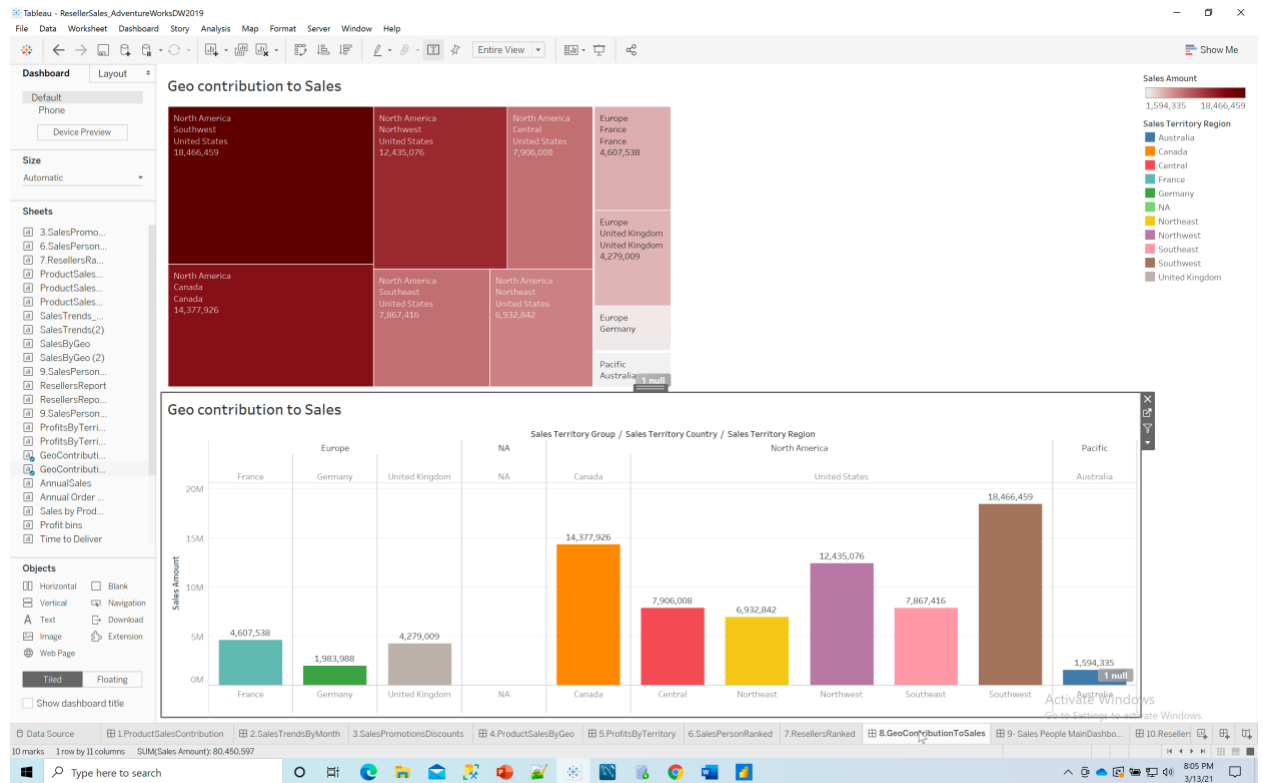
Ln 61 Col 1 Ch 1 INS

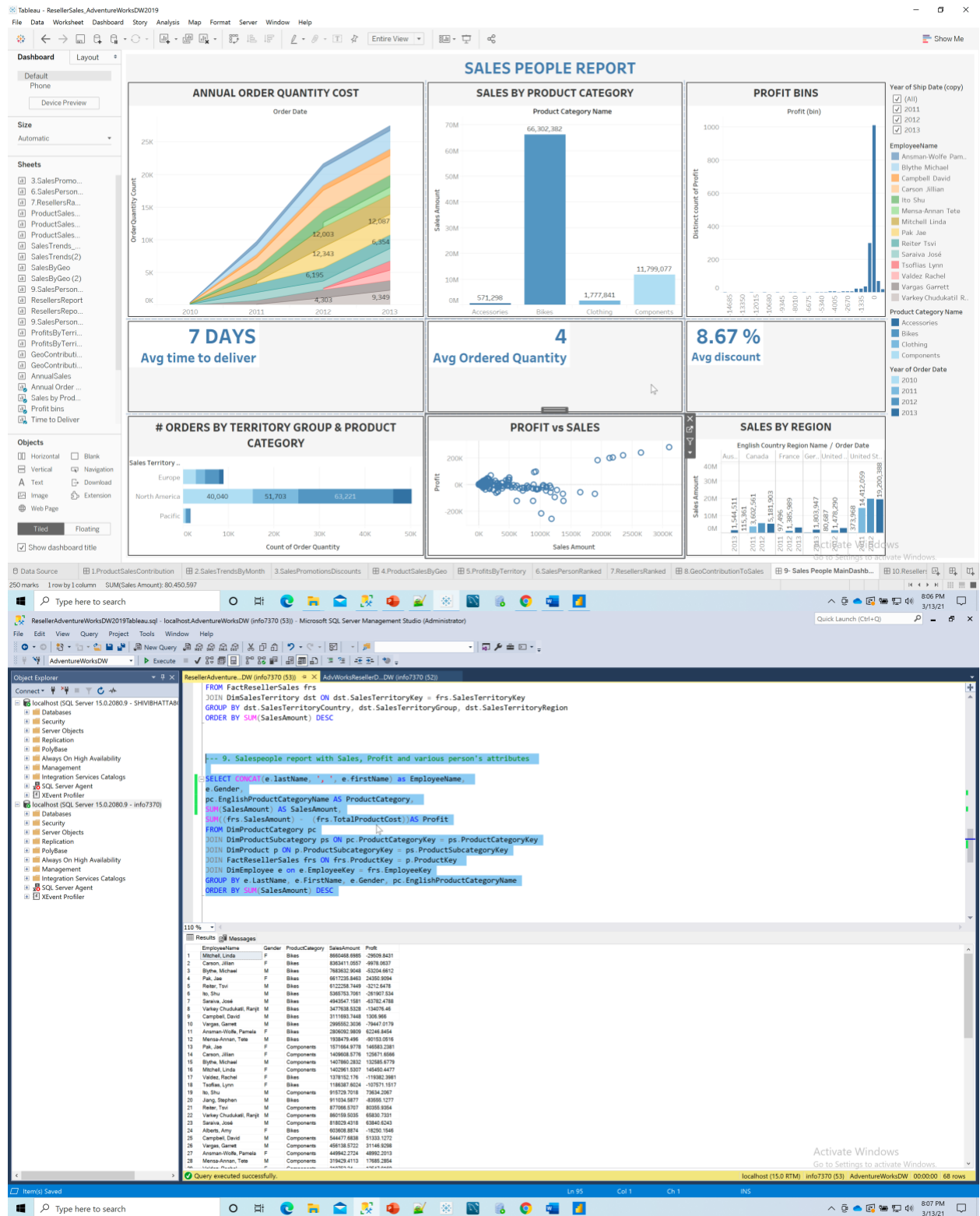
8:04 PM 3/13/21

7. Top Resellers (Stores) ranked

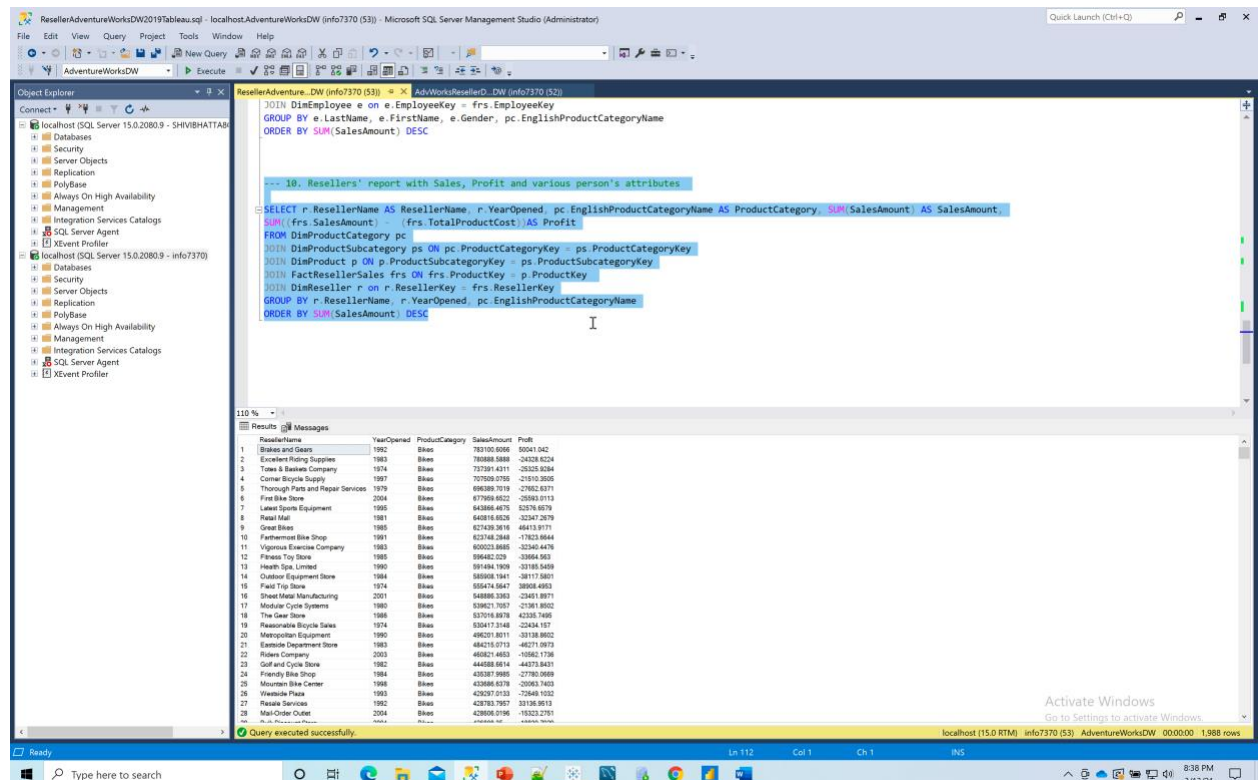
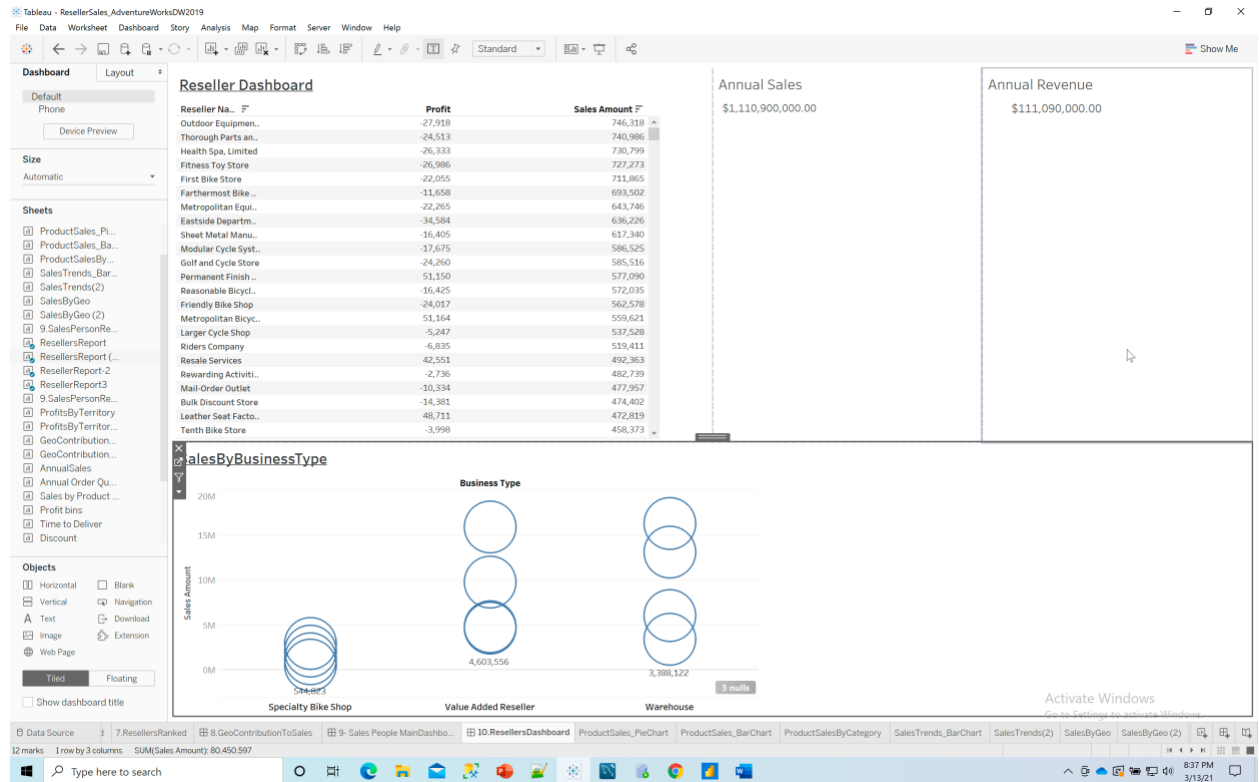


8. Geo Contribution to Sales





10. Reseller's report with sales, profit and various person's attributExamples for Data Viz



DATA MODEL :

