Power BI Lab 3

**Data Source:** OLTP “Direct Query”

<https://docs.microsoft.com/en-us/sql/samples/adventureworks-install-configure?view=sql-server-ver15&tabs=ssms>

1. Get the required data from the following tables:
   1. Sales.SalesOrderHeader
   2. Sales.SalesOrderDetail
   3. Sales.vSalesPerson (view)
   4. Sales.SalesTerritory
   5. Purchasing.ShipMethod
   6. Production.Product
   7. Production.ProductSubcategory
   8. Production.ProductCategory
   9. Status (Add based on ufnGetSalesOrderStatusText function)
   10. Dates (Power Query)
2. Model the Data into Star Schema
3. Rename the tables and columns and remove unused ones.
4. Show the following measures.
   1. # of Orders
   2. Total SubTotal Measure
   3. Total Tax Measure
   4. Total Freight Measure
   5. Total Due Measure
   6. Qty
   7. # Orders by OrderDate vs. ShipDate vs. DueDate
   8. # Orders by Status
   9. # Orders by Shipmethod
   10. # Orders by Category, SubCategory, Product
   11. # Orders by FlagOnlineOffline
   12. # Orders and TotalDue by Territory
   13. Top 10 Sales Perosns (# Orders or Total Amount)

Hints:

Make sure you are using the proper colors, charts, layout, and descriptive titles.

https://radacad.com/userelationship-or-role-playing-dimension-dealing-with-inactive-relationships-in-power-bi