

First Step: Data Source

[AdventureWorks.2019bak](#)

Write select query to retrieve the data

➤ **Columns:**

1. OrderDetailID
2. OrderID
3. OrderDate
4. DueDate
5. ShipDate
6. StatusID
7. Status
8. OnlineOrderFlag
9. CustomerID
10. SalesPersonID
11. TerritoryID
12. Territory
13. TerritoryGroup
14. ShipMethodID
15. ShipMethod
16. ProductID
17. Product
18. ProductSubCategory
19. ProductCategory
20. OrderQty
21. UnitPrice
22. LineTotal
23. TaxAmt
24. Freight
25. TotalDue

Second Step: Modeling

- Star Schema

1 Fact Table and 5 Dimension Tables (DimProducts –DimDate – DimShipMethods - DimStatus - DimTerritories)

Third Step: Create Measures using DAX

- # Orders Card
- # Order Details Card
- Total SubTotal Card
- Total Tax Card
- Total Freight Card
- Total Due Card

Fourth Step: Visuals (Use Measures)

Create a Dashboard that contains the following insights.

- Orders by OrderDate
- Orders by Status
- Orders by Category, SubCategory, Product
- Orders vs. TotalDue by Territory

and more insights.

Bonus: use (Drill Down - Tooltip Page)

⇒ **Good Colors, Layout and Chart Titles (Meaningful)**