

Demonstration on Row and Filter Contexts in DAX Formulas

In this demonstration, you will see how row and filter context works with measures.

Demonstration Steps:

1. In Power BI Desktop, in the Views list on the left side of the window, click Report.
2. In the Fields pane, click FactInternetSales.
3. On the Modeling ribbon, in the Calculations group, click New Measure.
4. In the formula bar, highlight Measure =, type the following script, and then press Enter: `TotalSales = SUM(FactInternetSales[SalesAmount])`
5. In the Fields pane, click FactInternetSales.
6. Click New Column, and in the formula bar, highlight Column =, and type:
`European Sales = CALCULATE(FactInternetSales[TotalSales],
DimSalesTerritory[SalesTerritoryGroup] = "Europe")`
7. Point out that the TotalSales measure has been used in the formula, and then press Enter.
8. In the Fields pane, select the European Sales check box to add it to the report.
9. In the Visualizations pane, click Gauge, and then click Format.
10. Expand Gauge axis, in the Max field, type 1000000, and in the Target field, type 1000000.
11. Leave Power BI open for the next demonstration.