

Nama : Nadia Farhani

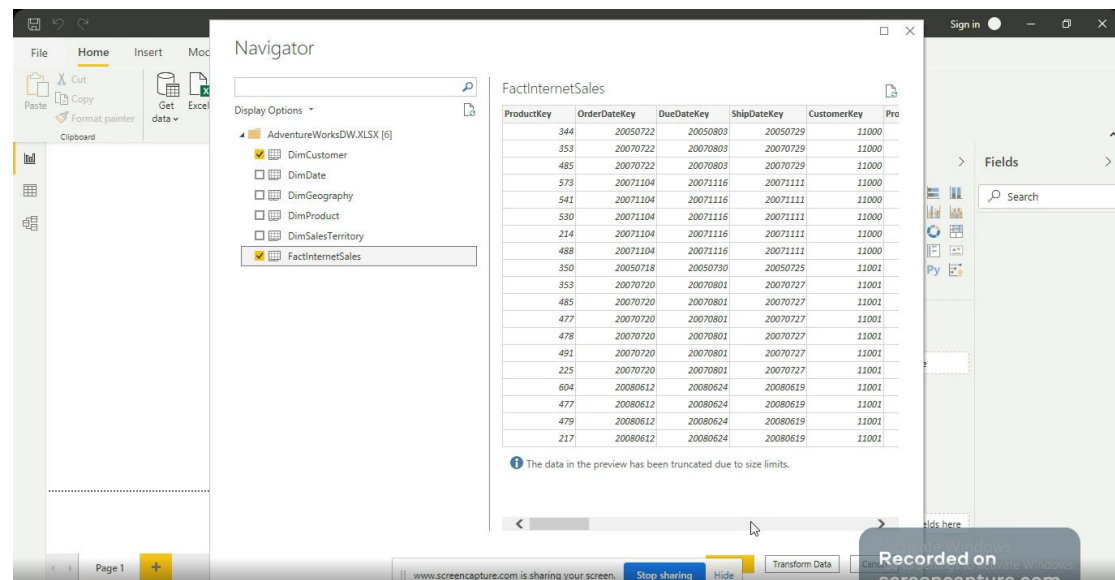
NIM : 181402015

Kom : C

UAS Data Warehouse dan Bisnis Intelligence

Pada DAX agar penghitungan mudah dimengerti, kita dapat menggunakan variabel. Saat kita menulis query kompleks ataupun bertumpuk menggunakan fungsi DAX, variabel bisa membantu memecah penghitungan kompleks menjadi bagian yang lebih berguna. Data yang sudah saya buat adalah seperti dibawah ini.

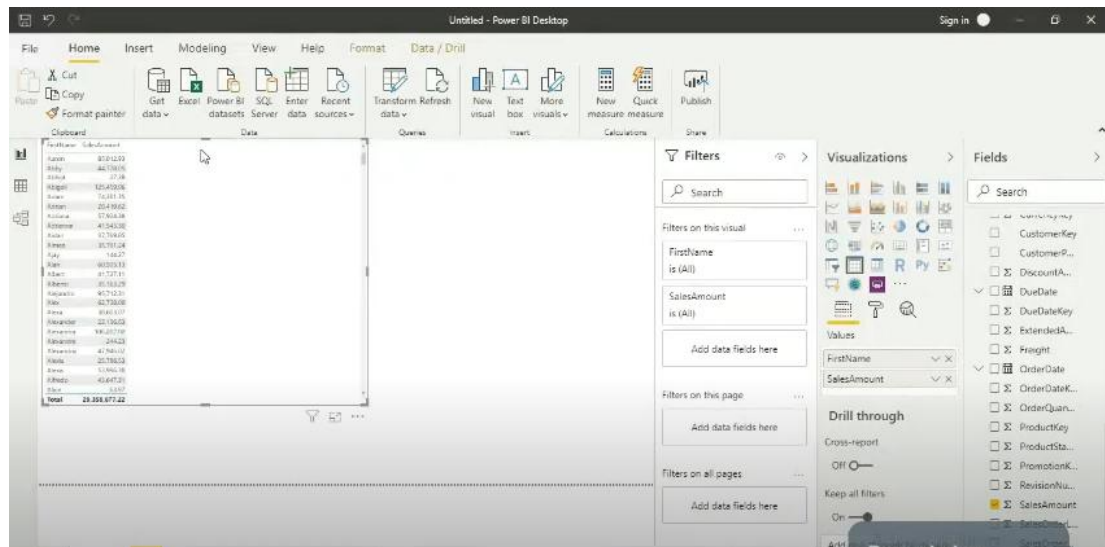
- Pada power BI load data dengan nama datanya AdventureWorksDW. Lalu saya memilih data DimCustomer dan SalesAmount.



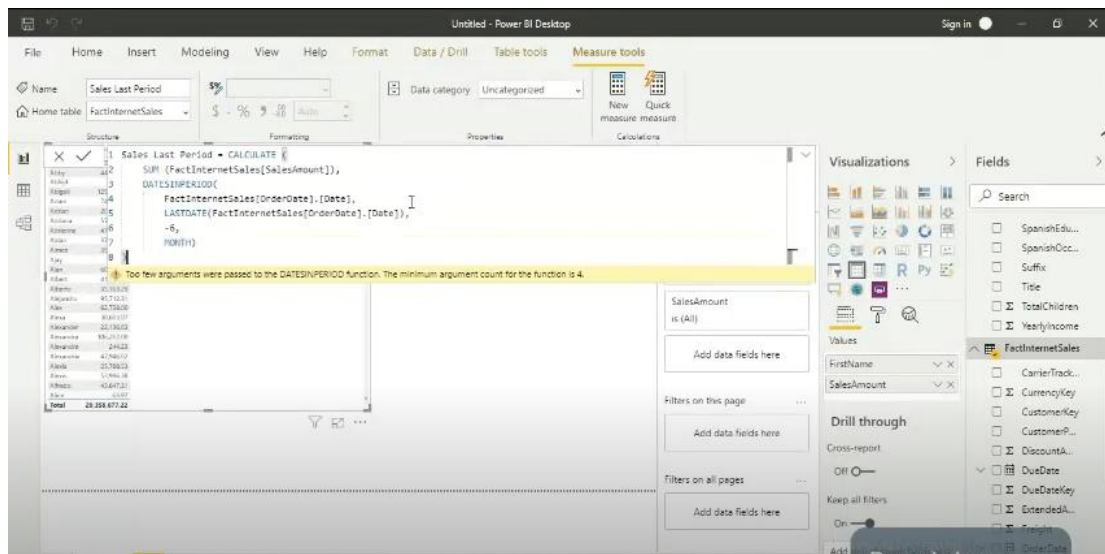
The screenshot shows the Microsoft Power BI Desktop interface. On the left, the 'Navigator' pane displays a list of data sources under 'AdventureWorksDW.XLSX [6]'. The sources are: DimCustomer, DimDate, DimGeography, DimProduct, DimSalesTerritory, and FactInternetSales. 'FactInternetSales' is currently selected. On the right, a data preview table for 'FactInternetSales' is shown. The table has columns: ProductKey, OrderDateKey, DueDateKey, ShipDateKey, CustomerKey, and Pro. The data is truncated, showing only the first 20 rows. A message at the bottom of the table states: 'The data in the preview has been truncated due to size limits.'

ProductKey	OrderDateKey	DueDateKey	ShipDateKey	CustomerKey	Pro
344	20050722	20050803	20050729	11000	
353	20070722	20070803	20070729	11000	
485	20070722	20070803	20070729	11000	
573	20071104	20071116	20071111	11000	
541	20071104	20071116	20071111	11000	
530	20071104	20071116	20071111	11000	
214	20071104	20071116	20071111	11000	
488	20071104	20071116	20071111	11000	
350	20050718	20050730	20050725	11001	
353	20070720	20070801	20070727	11001	
485	20070720	20070801	20070727	11001	
477	20070720	20070801	20070727	11001	
478	20070720	20070801	20070727	11001	
491	20070720	20070801	20070727	11001	
225	20070720	20070801	20070727	11001	
604	20080612	20080624	20080619	11001	
477	20080612	20080624	20080619	11001	
479	20080612	20080624	20080619	11001	
217	20080612	20080624	20080619	11001	

- Kemudian jika data sudah berhasil diloat, klik report. Ambil data FirstName di DimCustomer dan ambil data SalesAmount pada FacinternetSales kemudian klik table.



- Lalu kita membuat measure baru dengan mencari Sales Last Period dengan klik kanan pada FactInternetSales kemudian New Measure. Ketik query dan variabelnya.



Kemudian kita enter, lalu measure baru akan masuk. Drag ke table yang sudah dibuat. Lalu terdapat table yang kosong, yang selanjutnya akan kita cari data Lost Customer nya.

- Lalu saya membuat measure baru dengan mencari Lost Customer dan menuliskan query dan variable nya.

Untitled - Power BI Desktop

File Home Insert Modeling View Help Format Data / Drill

Clipboard: Cut Copy Paste Format painter

Get data: Excel, Power BI, SQL, Enter data, Recent sources

Transform Refresh data: Queries

New visual: Text box, More visuals

Quick measure measure: Calculations

Share: Publish

Full Name	Subcategory	Sales Last Period	Lost Customers	New Customers
Alice	95,010.00	0.57	0	0
Bob	44,750.00	0	0	0
Charlie	27.26	0	0	0
David	127,400.00	0.90	0	0
Eve	13,300.00	0	0	0
Fred	20,400.00	0.00	0	0
Grace	17,600.00	0.00	0	0
Heidi	41,500.00	0.00	0	0
Ivan	17,700.00	0.00	0	0
Jane	10,700.00	0.00	0	0
John	10,700.00	0.00	0	0
Karen	10,700.00	0.00	0	0
Larry	10,700.00	0.00	0	0
Mary	10,700.00	0.00	0	0
Nancy	10,700.00	0.00	0	0
Oliver	10,700.00	0.00	0	0
Peter	10,700.00	0.00	0	0
Quinn	10,700.00	0.00	0	0
Rachel	10,700.00	0.00	0	0
Robert	10,700.00	0.00	0	0
Sarah	10,700.00	0.00	0	0
Thomas	10,700.00	0.00	0	0
Uma	10,700.00	0.00	0	0
Victor	10,700.00	0.00	0	0
Wendy	10,700.00	0.00	0	0
Xavier	10,700.00	0.00	0	0
Yvonne	10,700.00	0.00	0	0
Zoe	10,700.00	0.00	0	0
Total	24,388,877.22	90,800.00	0	0

Filters

Search

Filters on this visual

First Name is (All)

Lost Customers is (All)

New Customer is (All)

Sales Last Period is (All)

Sales Amount is (All)

Add data fields here

Filters on this page

Visualizations

Search

Values

First Name

Sales Amount

Sales Last Period

Lost Customers

New Customer

Drill through

Cross-report

Off

Fields

Search

TotalChildren

YearlyIncome

FactInternetSales

CarrierTrack...

CurrencyKey

CustomerKey

CustomerP...

DiscountA...

DueDate

DueDateKey

ExtendedA...

Freight

Lost Cus...

New Cus...

OrderDate...

OrderQue...