

NOMBRE Y MATRICULA:
BRANYES NUÑEZ ABAD – 20163984

Periodo Académico:

2018 – C2

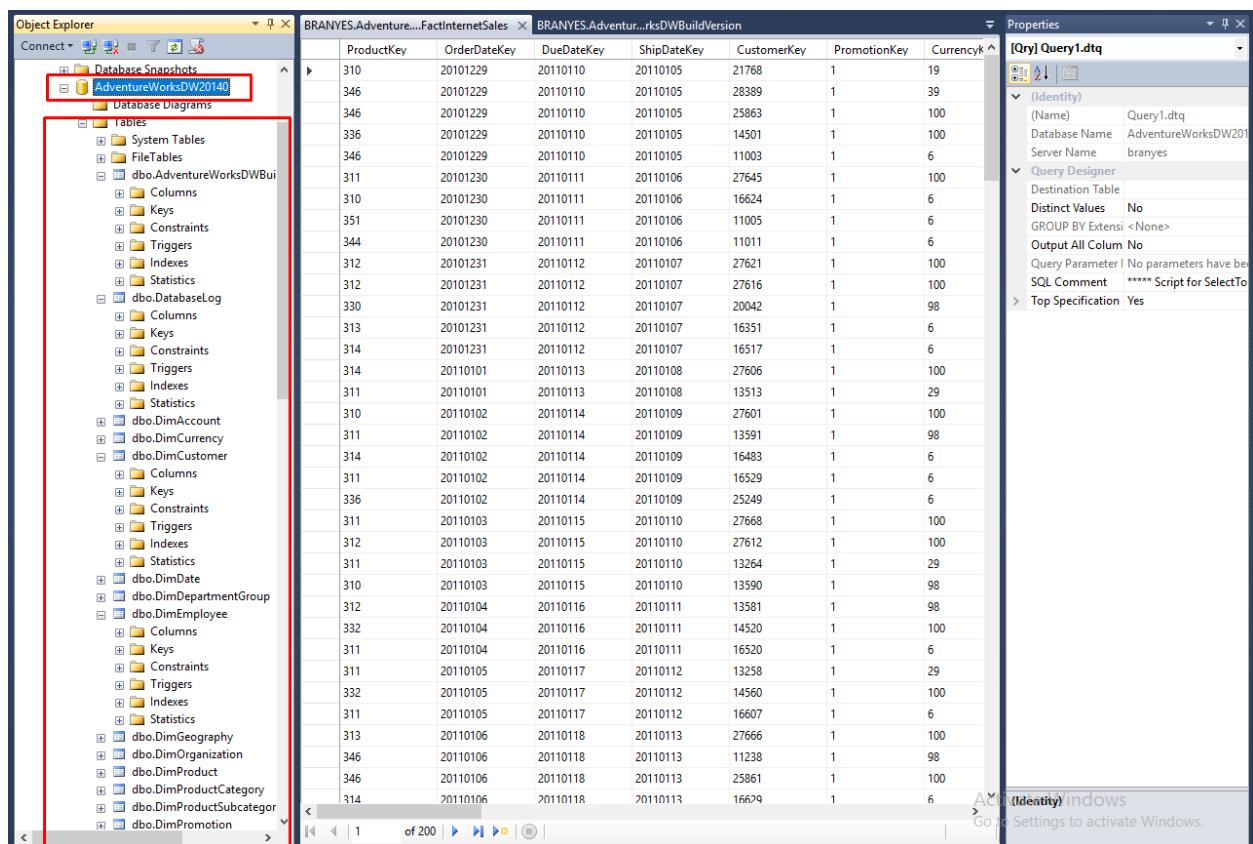
Nombre del Profesor:

Leandro Founder

Nombre del Tema:

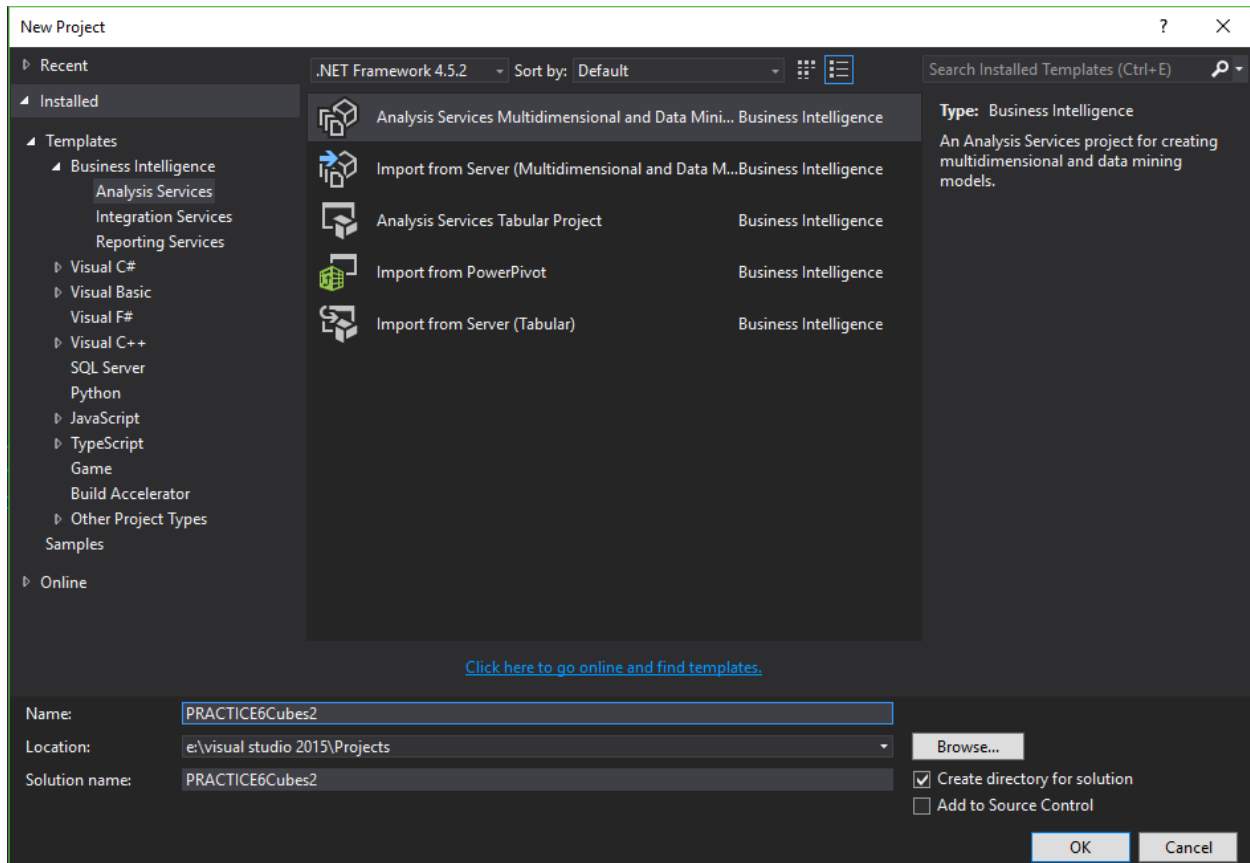
Implementando Tarea de SSAS

PASO #1



LISTANDO DIMENSIONES DE TABLAS DE HECHOS CREADAS. NOTA: NO LAS MOSTRE TODAS POR QUE SON MUCHAS Y NO CABEN TODAS EN LA IMAGEN, PERO ESTAN TODAS.

PASO # 2



CREANDO EL PROYECTO ANALYSIS SERVICES LLAMADO PRACTICE6CUBES, LE PUSE DOS PORQUE HABIA CREADO OTRO ANTERIORMENTE Y NO ME DEJABA CREARLO OTRA VEZ.

PASO #3

The screenshot shows the 'Connection Manager' dialog box. The 'Provider' is set to 'Native OLE DB\SQL Server Native Client 11.0'. Under 'Log on to the server', 'Authentication' is set to 'Windows Authentication'. The 'Server name' is 'BRANYES'. Under 'Connect to a database', the 'Select or enter a database name' radio button is selected, and the database name is 'AdventureWorksDW20140'. The 'Test Connection' button is highlighted.

Provider: Native OLE DB\SQL Server Native Client 11.0

Server name: BRANYES Refresh

Log on to the server

Authentication: Windows Authentication

User name: Password: Save my password

Connect to a database

Select or enter a database name: AdventureWorksDW20140

Attach a database file: Browse... Logical name:

Test Connection OK Cancel Help

The screenshot shows the 'Data Source Wizard' dialog box. The title is 'Select how to define the connection'. The instruction says 'You can select from a number of ways in which your data source will define its connection string.' The 'Create a data source based on an existing or new connection' radio button is selected. Under 'Data connections', 'BRANYES.AdventureWorksDW20140' is listed. Under 'Data connection properties', a table shows the properties for this connection.

Select how to define the connection

You can select from a number of ways in which your data source will define its connection string.

Create a data source based on another object

Create a data source based on an existing or new connection

Data connections:

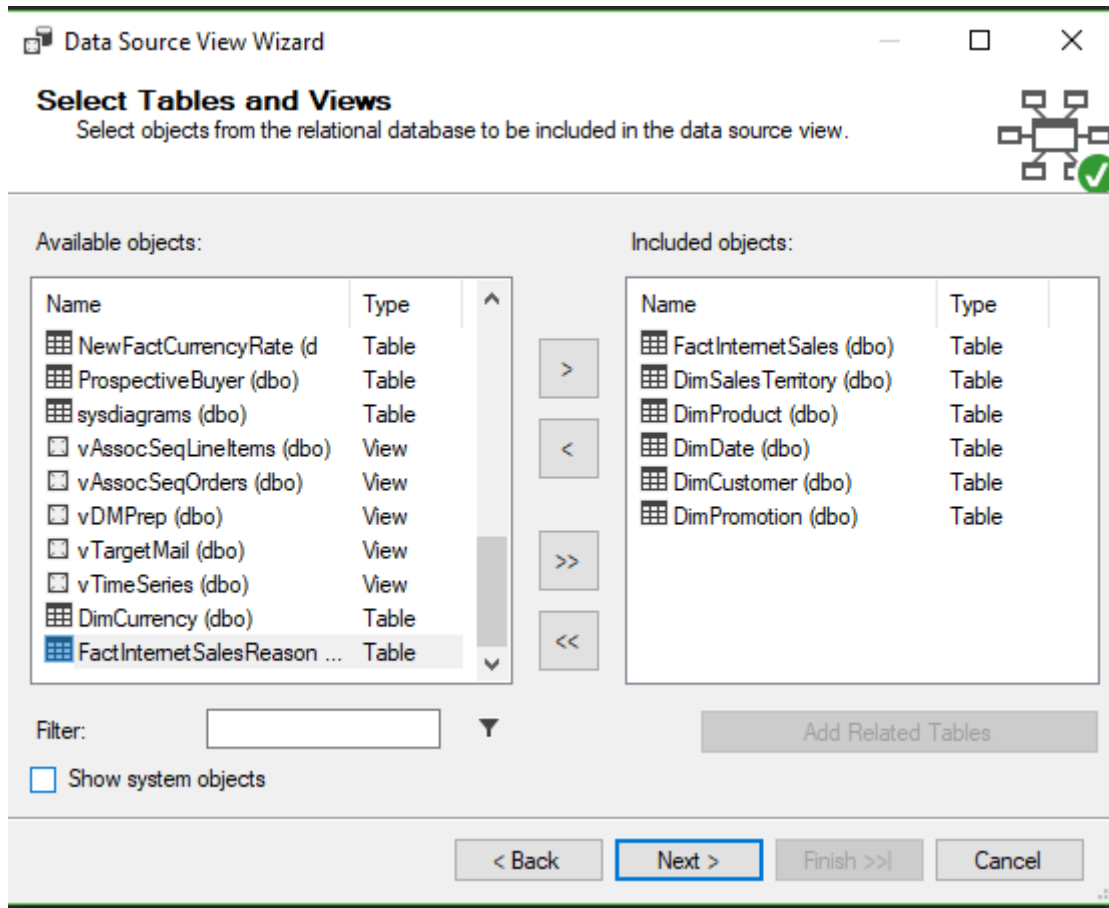
Property	Value
Data Source	BRANYES
Initial Catalog	AdventureWorksDW201
Integrated Sec...	SSPI
Provider	SQLNCLI11.1

New... Delete

< Back Next > Finish >>| Cancel

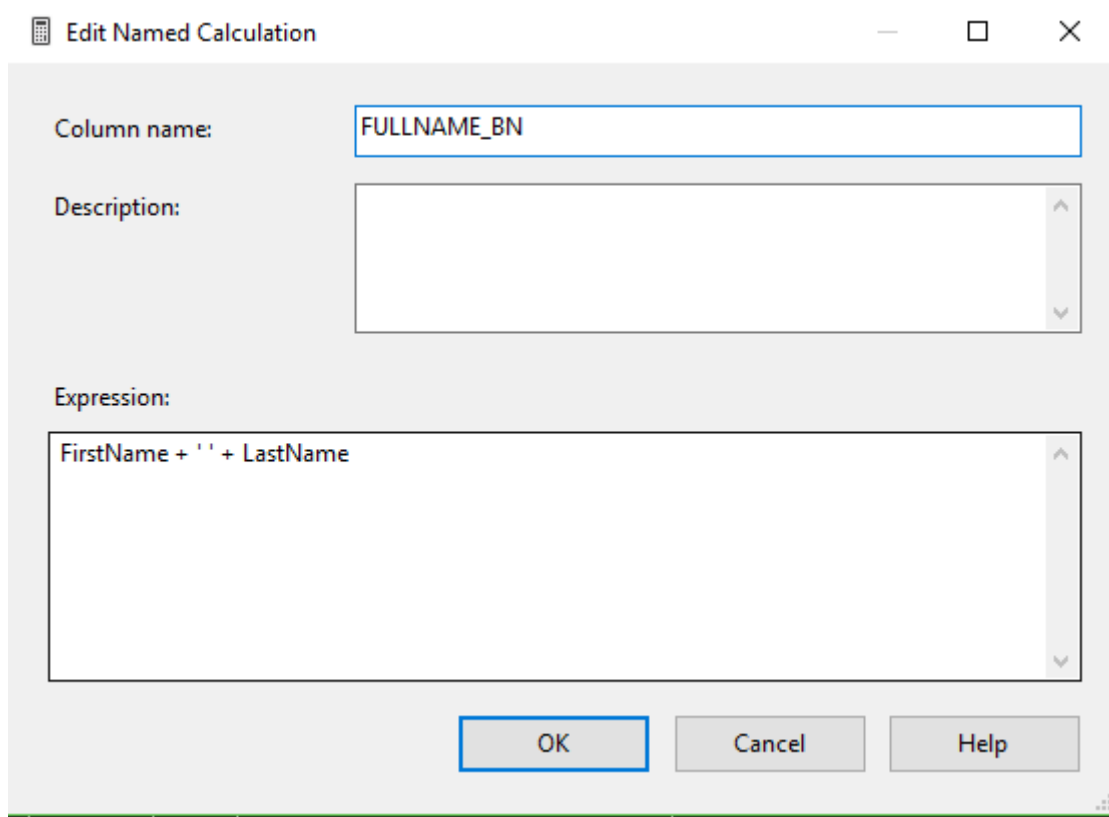
CREANDO DATASORUCE

PASO #4



CREANDO DATASOURCE VIWE Y AÑADIENDO LAS TABLAS RELACIONADAS

PASO #5



Dialog box titled "Edit Named Calculation".

Column name:

Description:

Expression:

Buttons: OK, Cancel, Help

***CREANDO COLUMNA CALCULADA PARA CONCATENAR EL
PRIMER NOMBRE CON EL APELLIDO***

PASO #6

id	NumberCarsOwned	AddressLine1	AddressLine2	Phone	DateFirstPurchase	CommuteDistance	FULLNAME_BN
	0	3761 N. 14th St		1 (11) 500 555-0162	2011-01-19 00:00:00Z	1-2 Miles	Jon Yang
	1	2243 W St.		1 (11) 500 555-0110	2011-01-15 00:00:00Z	0-1 Miles	Eugene Huang
	1	5844 Linden Land		1 (11) 500 555-0184	2011-01-07 00:00:00Z	2-5 Miles	Ruben Torres
	1	1825 Village Pl.		1 (11) 500 555-0162	2010-12-29 00:00:00Z	5-10 Miles	Christy Zhu
	4	7553 Harness Circle		1 (11) 500 555-0131	2011-01-23 00:00:00Z	1-2 Miles	Elizabeth Johnson
	1	7305 Humphrey Drive		1 (11) 500 555-0151	2010-12-30 00:00:00Z	5-10 Miles	Julio Ruiz
	1	2612 Berry Dr		1 (11) 500 555-0184	2011-01-24 00:00:00Z	5-10 Miles	Janet Alvarez
	2	942 Brook Street		1 (11) 500 555-0126	2011-01-09 00:00:00Z	0-1 Miles	Marco Mehta
	3	624 Peabody Road		1 (11) 500 555-0164	2011-01-25 00:00:00Z	10+ Miles	Rob Verhoff
	1	3839 Northgate Road		1 (11) 500 555-0110	2011-01-27 00:00:00Z	5-10 Miles	Shannon Carlson
	1	7800 Corrinne Court		1 (11) 500 555-0169	2011-01-14 00:00:00Z	5-10 Miles	Jacquelyn Suarez
	4	1224 Shoenic		1 (11) 500 555-0117	2010-12-30 00:00:00Z	10+ Miles	Curtis Lu
	2	4785 Scott Street		717-555-0164	2013-03-16 00:00:00Z	1-2 Miles	Lauren Walker
	3	7902 Hudson Ave.		817-555-0185	2013-04-13 00:00:00Z	0-1 Miles	Ian Jenkins
	3	9011 Tank Drive		431-555-0156	2013-03-23 00:00:00Z	1-2 Miles	Sydney Bennett
	1	244 Willow Pass Road		208-555-0142	2013-01-18 00:00:00Z	5-10 Miles	Chloe Young
	1	9666 Northridge Ct.		135-555-0171	2013-02-09 00:00:00Z	5-10 Miles	Wyatt Hill
	2	7330 Saddlehill Lane		1 (11) 500 555-0195	2011-01-12 00:00:00Z	5-10 Miles	Shannon Wang
	2	244 Riverview		1 (11) 500 555-0137	2011-01-17 00:00:00Z	5-10 Miles	Clarence Rai
	2	7832 Landing Dr		262-555-0112	2013-02-12 00:00:00Z	5-10 Miles	Luke Lal
	2	7156 Rose Dr.		550-555-0163	2012-12-29 00:00:00Z	1-2 Miles	Jordan King
	1	8148 W. Lake Dr.		622-555-0158	2013-01-23 00:00:00Z	1-2 Miles	Destiny Wilson
	1	1769 Nicholas Drive		589-555-0185	2013-01-20 00:00:00Z	5-10 Miles	Ethan Zhang
	1	4499 Valley Crest		452-555-0188	2013-02-17 00:00:00Z	1-2 Miles	Seth Edwards
	2	8734 Oxford Place		746-555-0186	2013-06-27 00:00:00Z	5-10 Miles	Russell Xie
	2	2506 Franklin Avenue Road		1 (11) 500 555-0170	2011-01-06 00:00:00Z	1-2 Miles	Michael Smith

VERIFICACION DE LA CONCATENACION DE LOS NOMBRES CON EL APELLIDO

PASO # 7

Cube Wizard

Select Measure Group Tables
Select a data source view or diagram and then select the tables that will be used for measure groups.

Data source view:
Adventure Works DW20140

Measure group tables:

- ☒ FactInternetSales
- ☐ DimSalesTerritory
- ☐ DimProduct
- ☐ DimDate
- ☐ DimCustomer
- ☐ DimPromotion

Suggest

< Back **Next >** **Finish >>** **Cancel**

Cube Wizard

Select Measures
Select measures that you want to include in the cube.

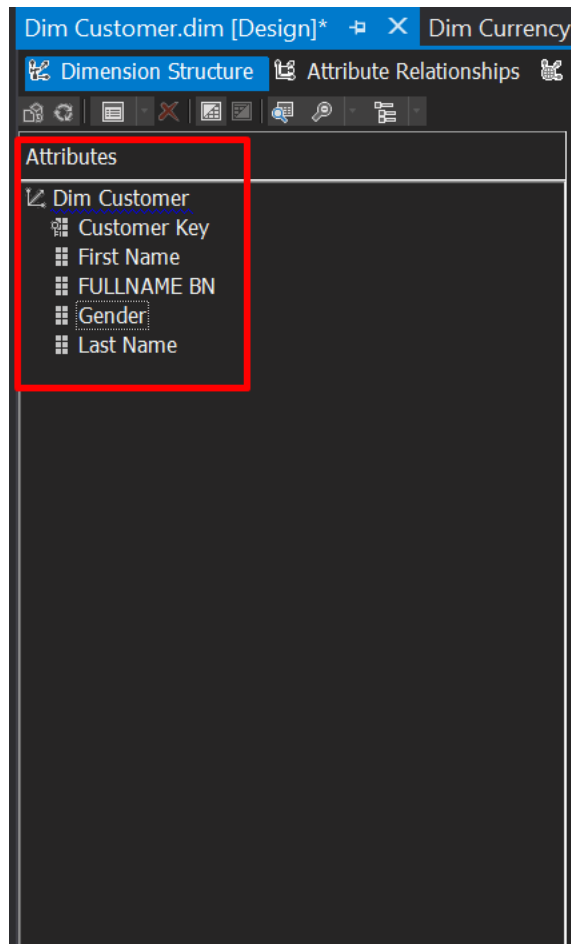
☐ Measure

- ☒ Fact Internet Sales
 - ☐ Currency Key
 - ☐ Revision Number
 - ☒ Order Quantity
 - ☐ Unit Price
 - ☐ Extended Amount
 - ☐ Unit Price Discount Pct
 - ☐ Discount Amount
 - ☐ Product Standard Cost
 - ☐ Total Product Cost
 - ☒ Sales Amount
 - ☐ Tax Amt
 - ☐ Freight
 - ☐ Fact Internet Sales Count

< Back **Next >** **Finish >>** **Cancel**

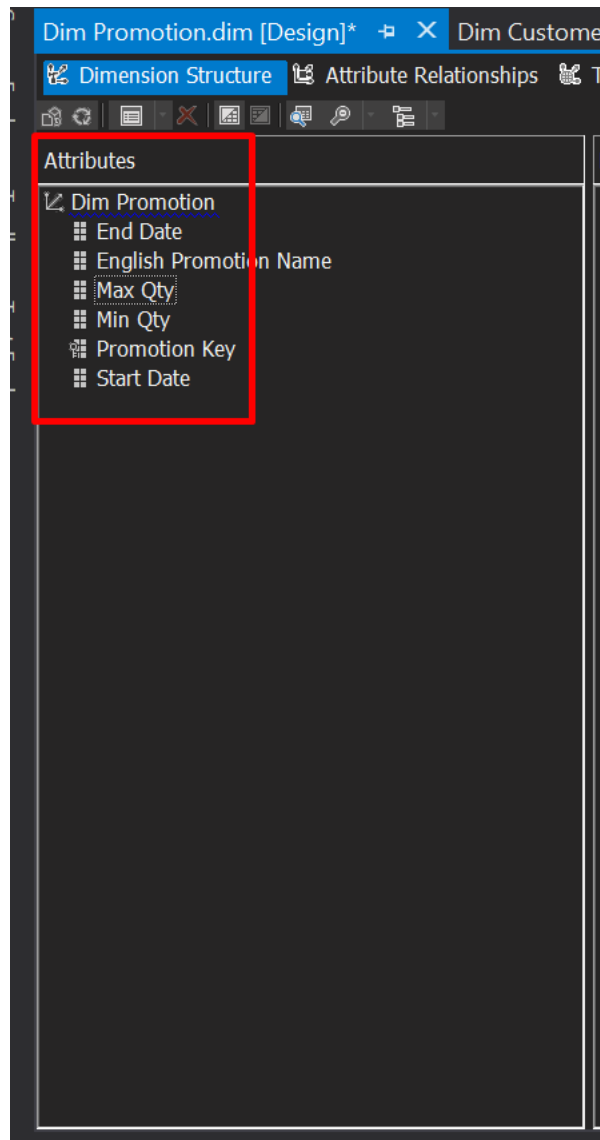
**CREANDO EL CUBO CON LA TABLA RELACIONADA QUE ES
FACT INTERNETSALES**

PASO #8



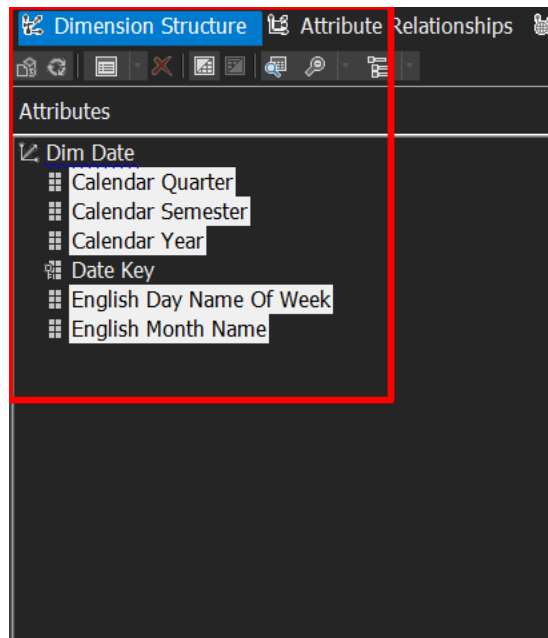
ATRIBUTOS SELECCIONADO DE DIM CUSTOMER

PASO 8.2



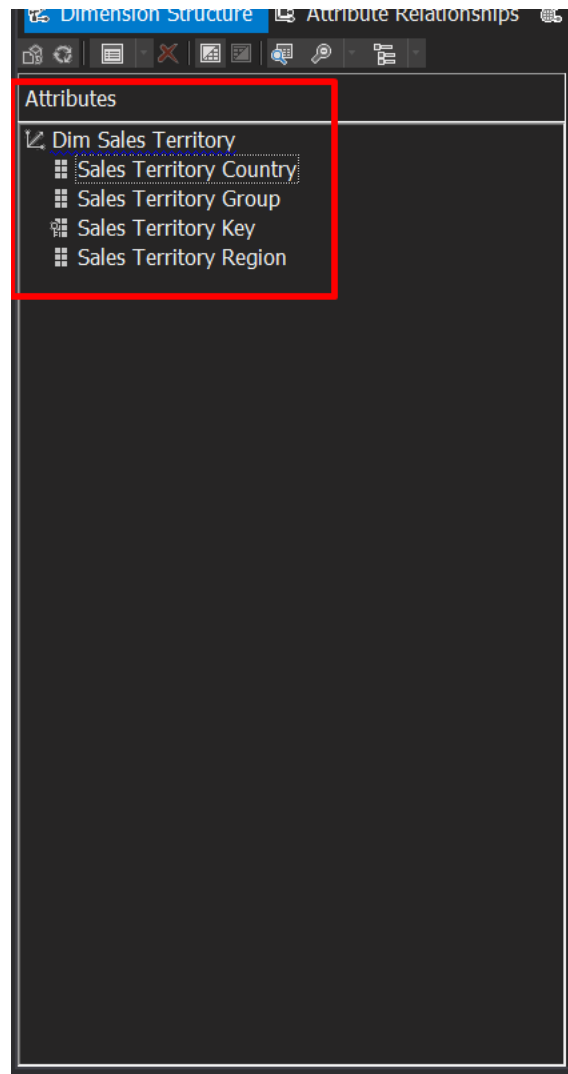
SELECCIONANDO ATRIBUTOS DE DIM PROMOTIONS

8.3



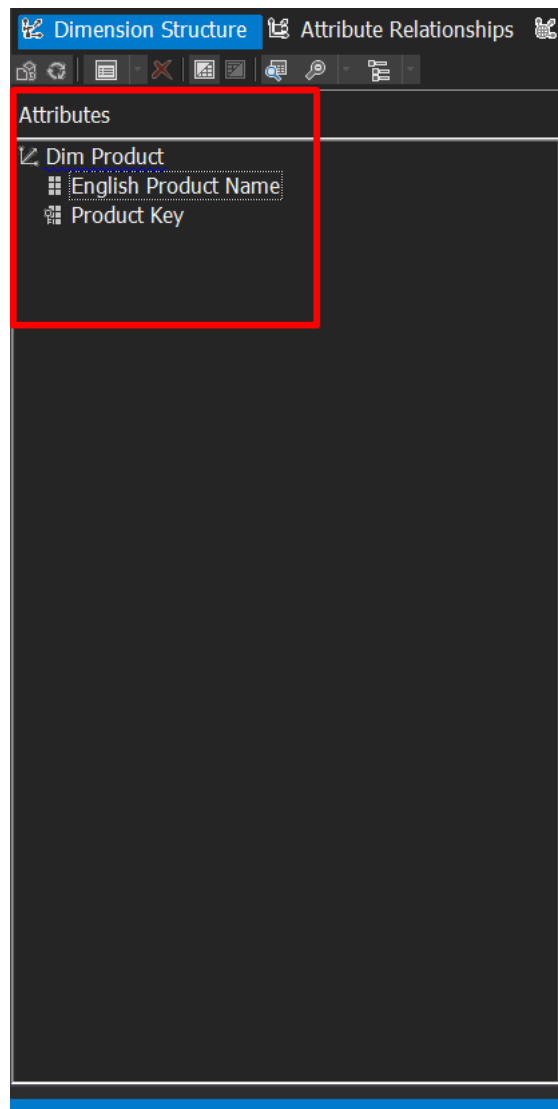
***SELECCIONANDO ATRIBUTOS DEL DIM DATE, CON LA QUE
HARE LA JEREARQUIA.***

8.4



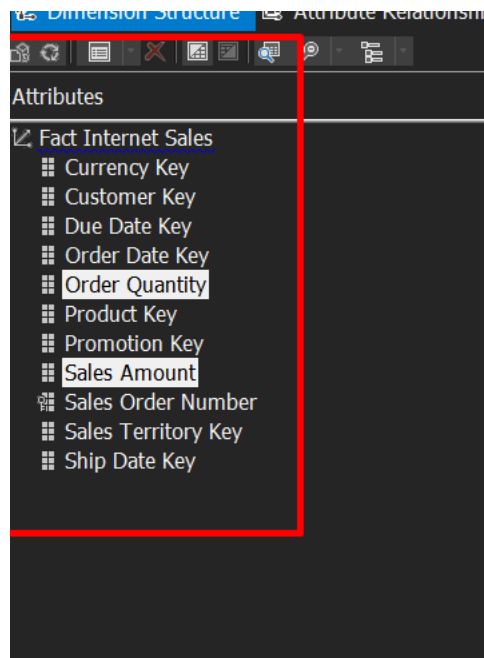
SELECCIONANDO ATRIBUTOS DE DIM SALES TERRITORY

8.4



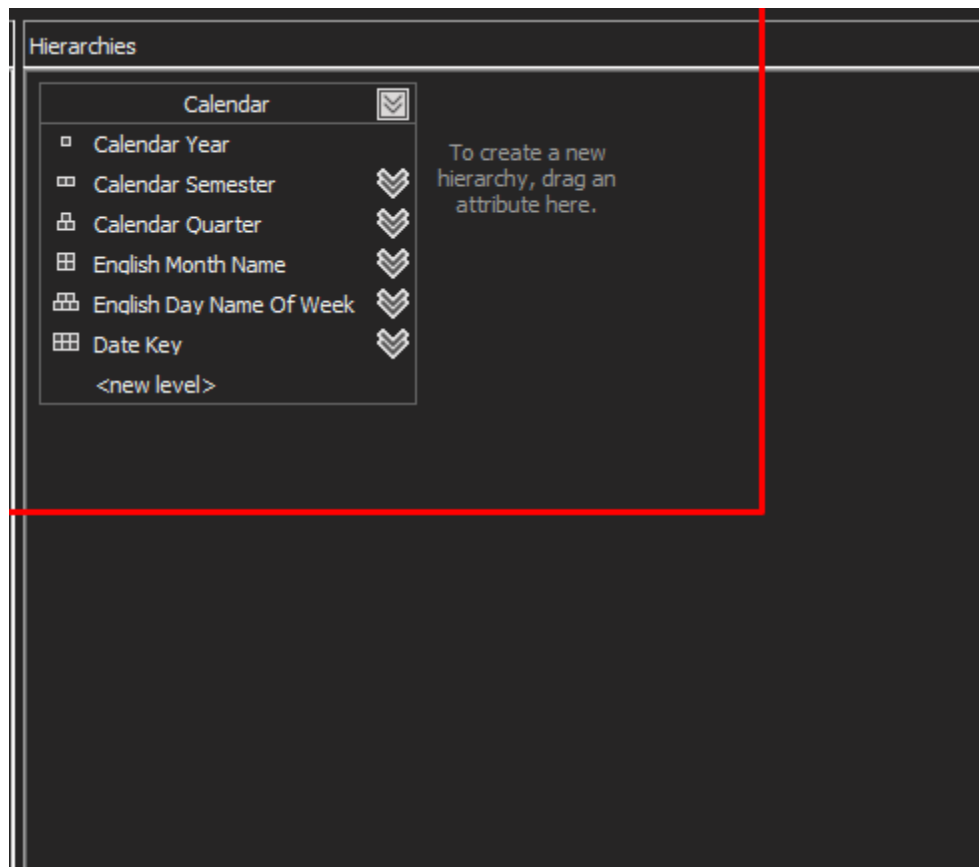
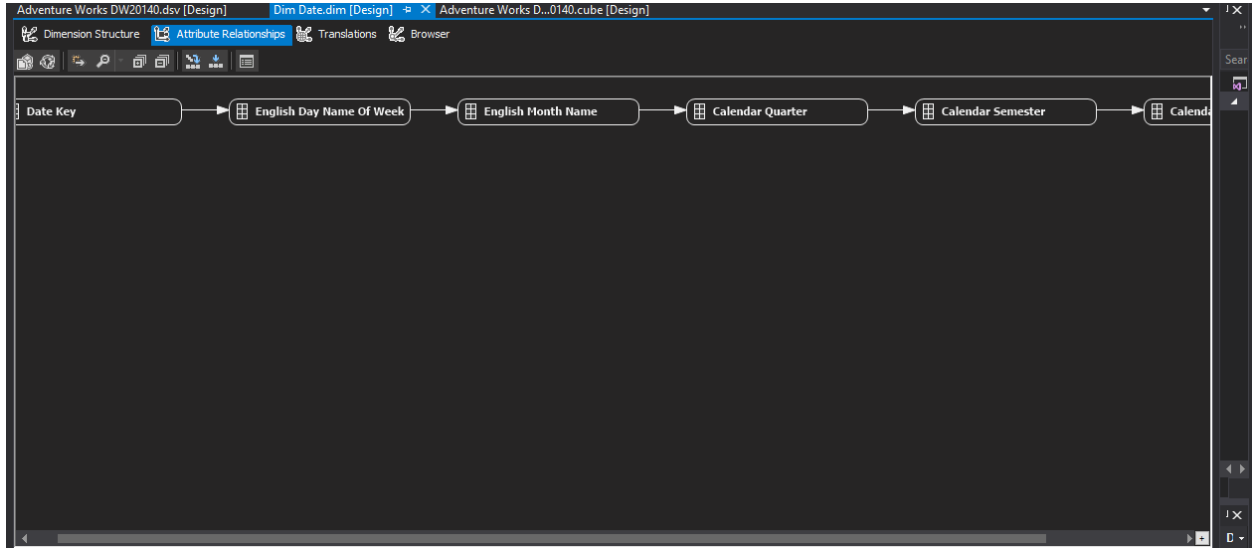
SELECCIONANDO ATRIBUTOS DE DIM PRODUCT

8.5



SELECCIONANDO ATRIBUTOS DE FACT INTERNET SALES

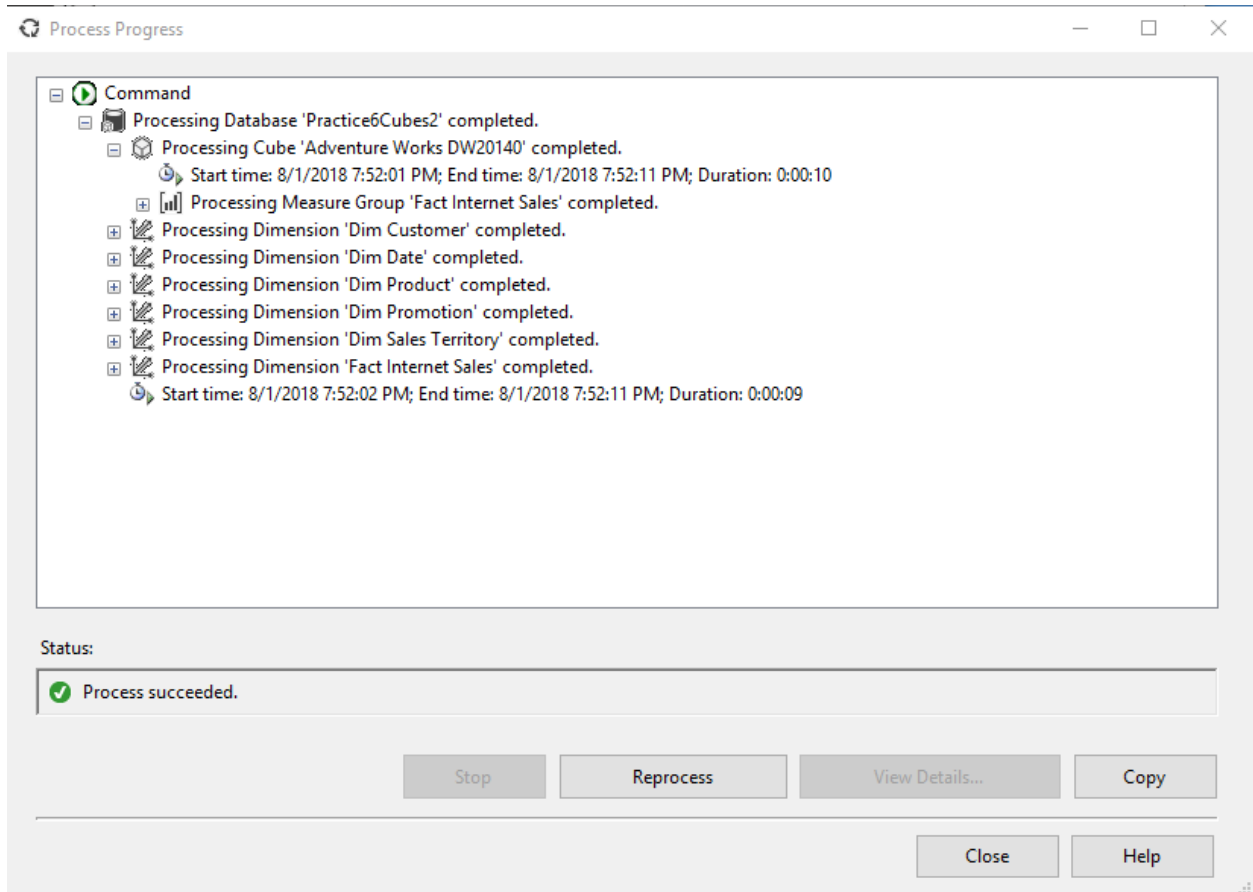
PASO #12



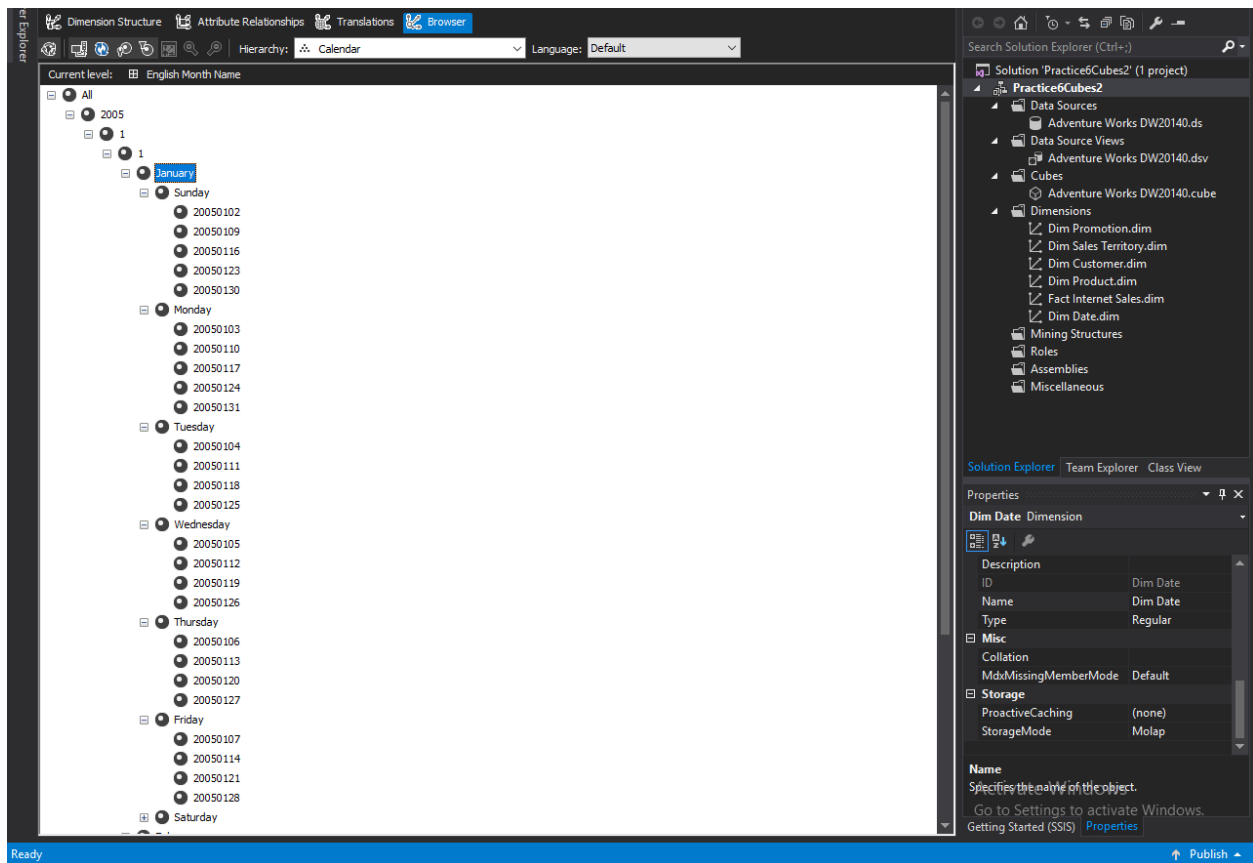
CREANDO JERARQUIA DE DIM DATE

PASO #13

PROCESADO DEL CUBO DONDE SE VE QUE TODO ESTA CORRECTAMENTE



PASO #13.1



AQUÍ SE VE DONDE LOS DIAS, LOS AÑOS, LOS DIAS, QUATER, SEMESTER ESTAN ORGANIZADOS JEREARQUICAMENTE COMO SE PIDE EN EL MANDADO, LOS DIAS, LOS AÑOS, QUATER, SEMESTRES. LA FOTO ES UN POCO LARGA POR ESO NO MOSTRARON TODAS, PERO ESTARA EN EL ARCHIVO DEL PROYECTO.

SECCION DE LAS PREGUNTAS

¿Cuál es la cantidad y total de ventas en Canadá, Alemania y Reino Unido?

The screenshot shows the Microsoft SQL Server Enterprise Manager interface. The left pane displays the 'Adventure Works DW20140' metadata tree. The right pane shows the 'Query Designer' for an MDX query. The query is configured with the following components:

Dimension	Hierarchy	Operator	Filter Expression	Param...
Dim Sales Territory	Sales Territory Region	Equal	{ All, Canada, Germany, United Kingdom }	<input type="checkbox"/>
<Select dimension>				<input type="checkbox"/>

Sales Amount	Order Quantity
29358677.2207063	60398

¿Cuál es la cantidad y total de ventas en el primer Semestre del 2011 en Francia?

Adventure Works DW20140

Metadata

SEMES

<All>

- Adventure Works DW20140
 - Due Date
 - Due Date.Calendar
 - Calendar Semester
 - Order Date
 - Order Date.Calendar
 - Calendar Semester
 - Ship Date
 - Ship Date.Calendar
 - Calendar Semester

Dimension	Hierarchy	Operator	Filter Expression	Param...
Dim Sales Territory	Sales Territory Coun	Equal	{ All, France }	<input type="checkbox"/>
Due Date	Due Date.Calendar	Equal	{ All, 2011, 1 }	<input type="checkbox"/>
<Select dimension>				<input type="checkbox"/>

Order Quantity	Sales Amount
60398	29358677.2207006

¿Cuál es la cantidad y total de ventas de los productos que contienen la palabra "Road" en su nombre? Clasificar por sexo.

Adventure Works DW20140

Metadata

CE

<All>

Adventure Works DW20140

- Dim Customer
 - Gender
 - Gender

Dimension	Hierarchy	Operator	Filter Expression	Param...
Dim Product	English Product Name	Equal	{ Road Bottle Cage, Road End Caps, Road ...	<input type="checkbox"/> <input type="checkbox"/>
<Select dimension>				<input type="checkbox"/> <input type="checkbox"/>

Gender	Sales Amount	Order Quantity
F	7281266.23220077	6053
M	7264188.92410078	6103

¿Cuál es la cantidad y total de ventas de Amanda Brooks?

Adventure Works DW20140

Metadata

X

QUS

<All>

Adventure Works DW20140

Dim Customer

Customer Key

Customer Key

MDX

Dimension

Dim Customer

<Select dimension>

Hierarchy

FULLNAME BN

<Select dimension>

Operator

Equal

Filter Expression

{ Amanda Brooks }

Param...

☐

☐

Sales Amount

4536.0325

Order Quantity

4

¿Cuál es el total de ventas por sexo?

Adventure Works Data Explorer

Metadata

Search Model

<All>

- Adventure Works DW20140
 - Measures
 - Fact Internet Sales
 - Order Quantity
 - Sales Amount
 - KPIs
 - Dim Customer
 - Customer Key
 - First Name
 - FULLNAME BN
 - Gender
 - Last Name
 - Dim Product
 - Dim Promotion
 - Dim Sales Territory
 - Due Date
 - Fact Internet Sales
 - Order Date
 - Ship Date

Dimension	Hierarchy	Operator	Filter Expression	Parameters
Dim Customer	Gender	Equal	{ All, F, M }	<input type="checkbox"/> <input type="checkbox"/>
<Select dimension>				

Gender	Sales Amount
F	14813618.6752035
M	14545058.5455037