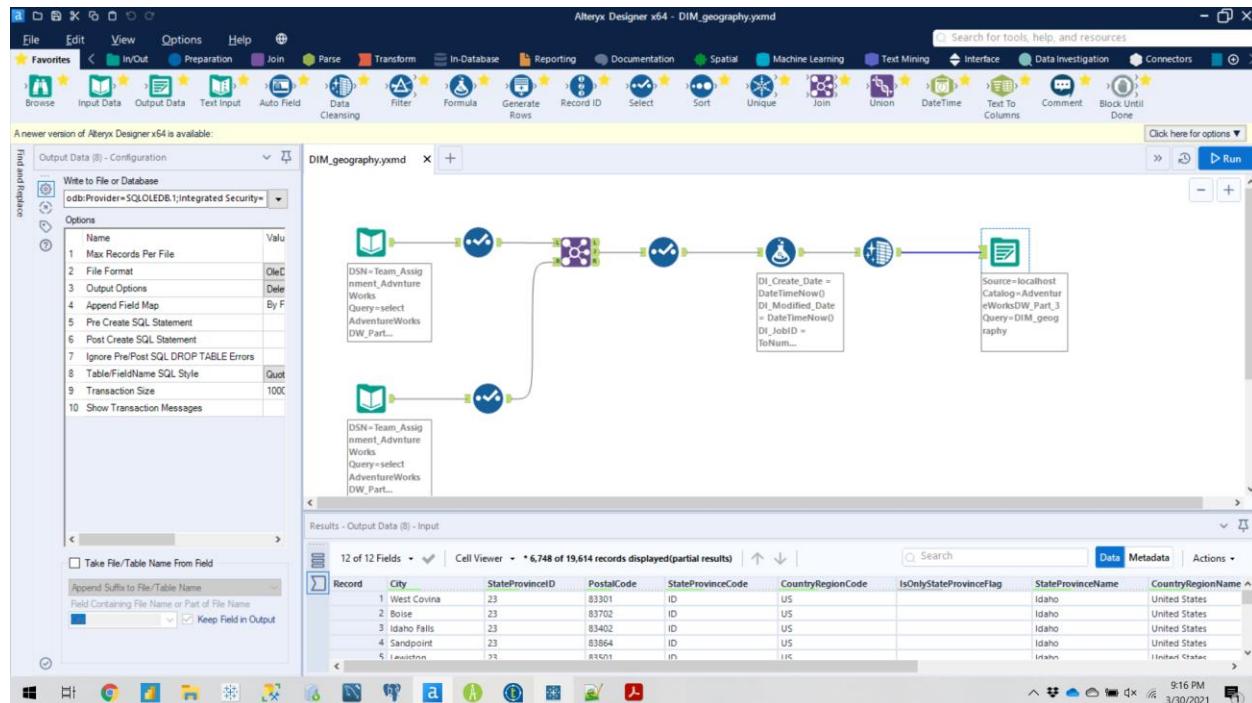


## Dimensions:

### Dim\_Geography:



The screenshot shows the Microsoft SQL Server Management Studio (SSMS) interface. The Object Explorer shows the database structure, including tables like System Tables, External Tables, Graph Tables, and various DIM tables. The Results pane displays the output of a query against the Dim\_Geography table:

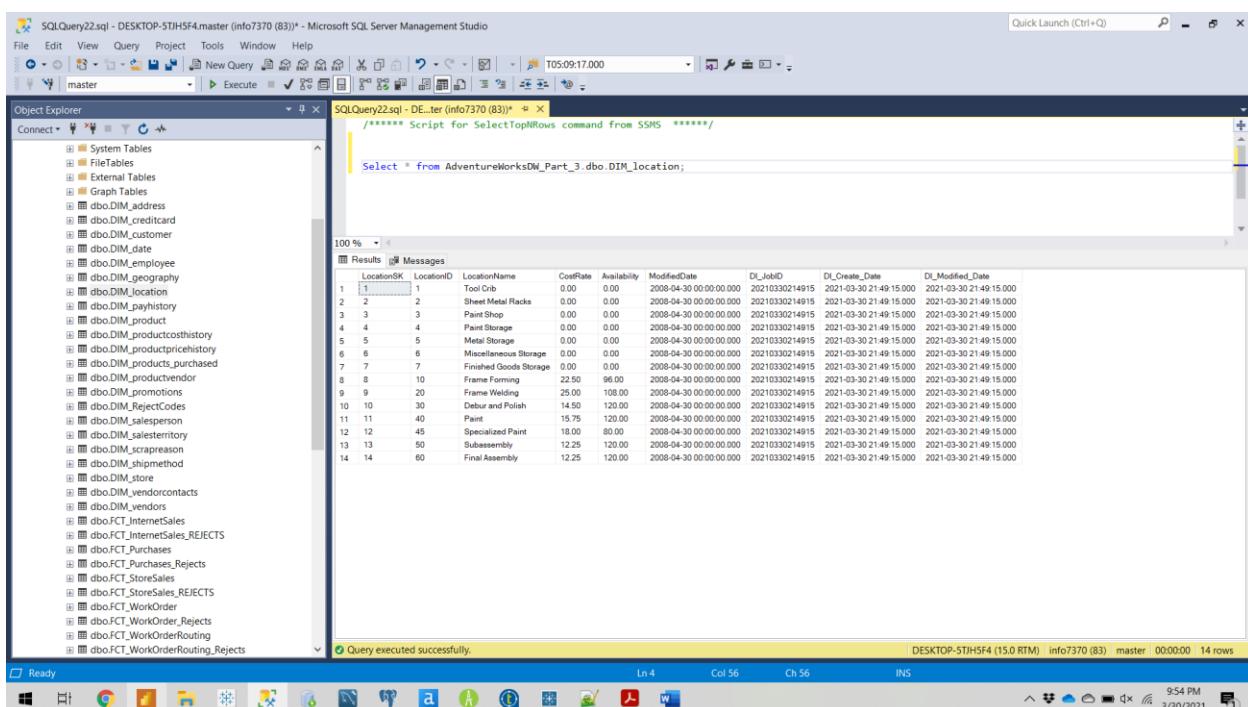
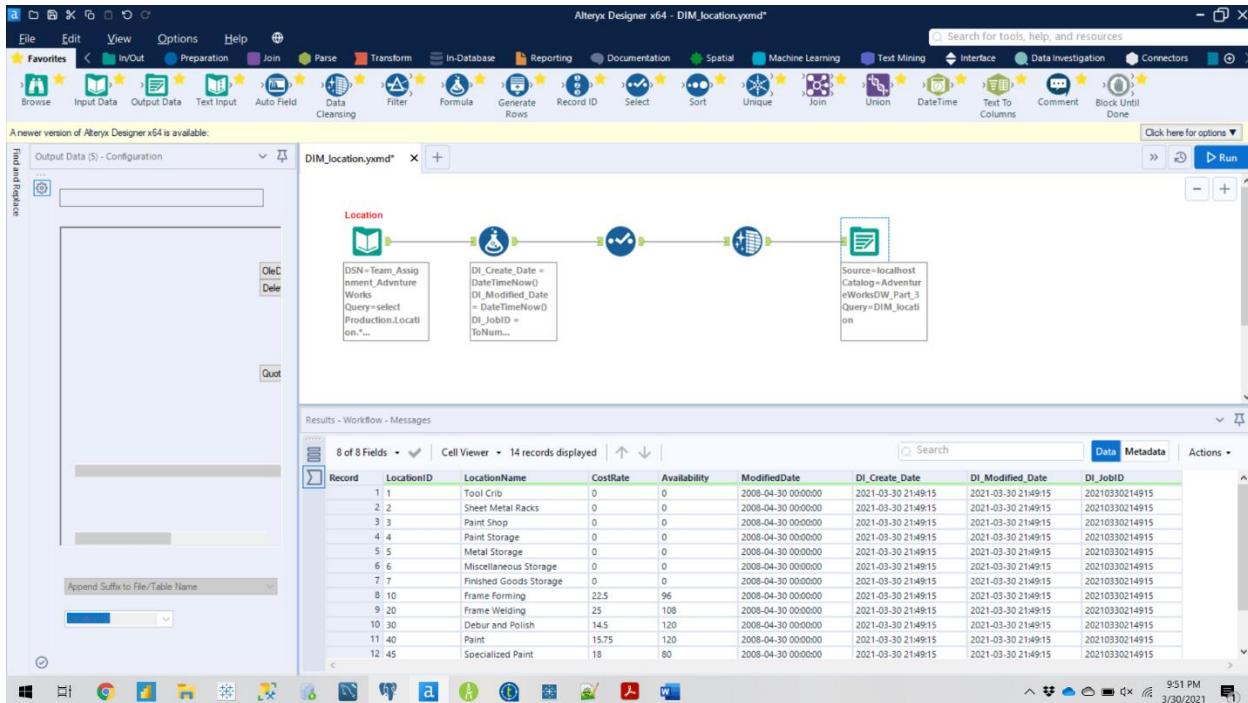
```
/*
***** Script for SelectTopNRows command from SSMS *****/
Select * from AdventureWorksDW_Part_3.dbo.DIM_geography;
```

The results grid shows 19,614 rows of data with the following columns:

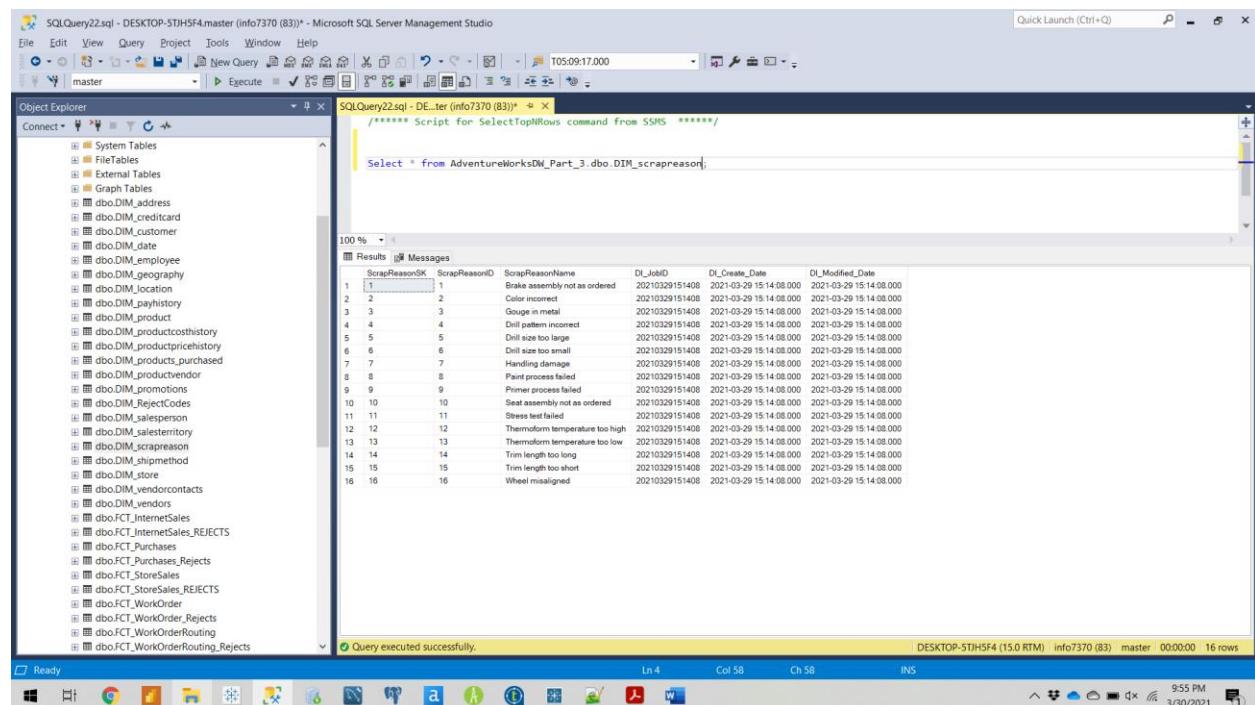
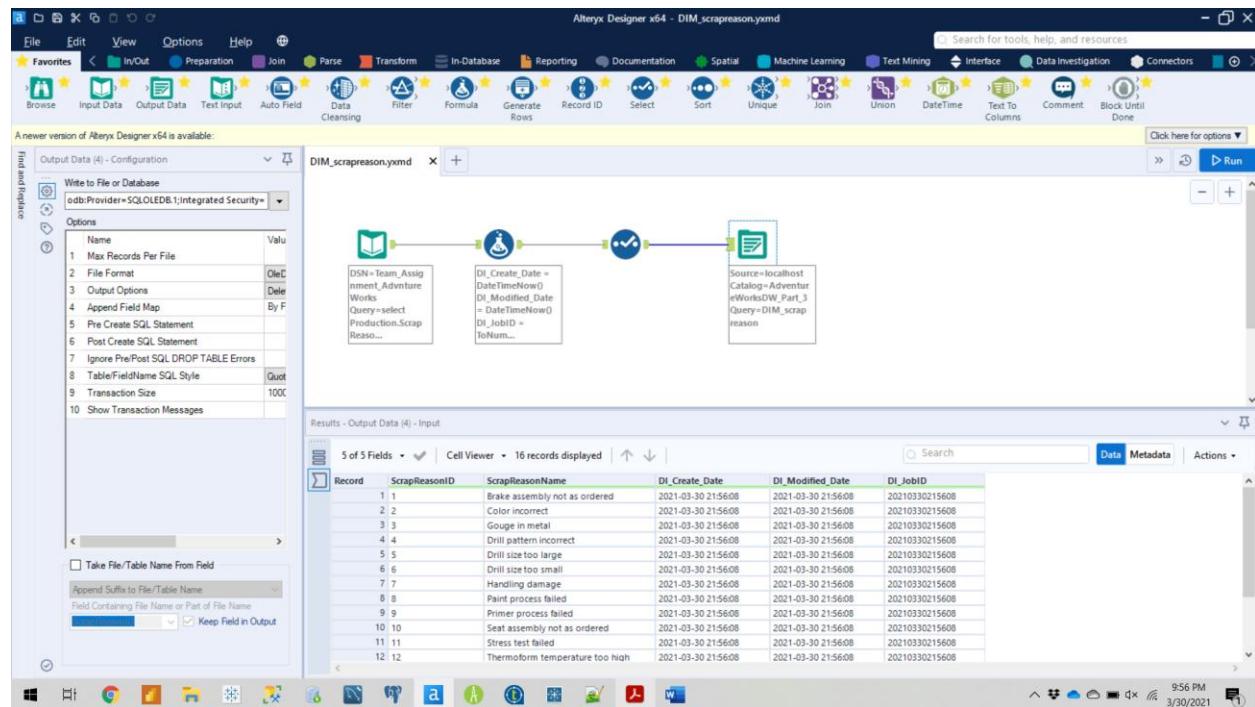
| GeosK | City         | StateProvinceID | StateProvinceCode | StateProvinceName | IsOnlyStateProvinceFlag | CountyRegionCode | CountyRegionName | PostalCode | SalesTerritorySK | Di_JobID      | Di_Create_Date          |
|-------|--------------|-----------------|-------------------|-------------------|-------------------------|------------------|------------------|------------|------------------|---------------|-------------------------|
| 1     | West Covina  | 23              | ID                | Idaho             | 0                       | US               | United States    | 83301      | 1                | 2021030211629 | 2021-03-30 21:16:29.000 |
| 2     | Boise        | 23              | ID                | Idaho             | 0                       | US               | United States    | 83702      | 1                | 2021030211629 | 2021-03-30 21:16:29.000 |
| 3     | Idaho Falls  | 23              | ID                | Idaho             | 0                       | US               | United States    | 83402      | 1                | 2021030211629 | 2021-03-30 21:16:29.000 |
| 4     | Sandpoint    | 23              | ID                | Idaho             | 0                       | US               | United States    | 83864      | 1                | 2021030211629 | 2021-03-30 21:16:29.000 |
| 5     | Leavenworth  | 23              | ID                | Idaho             | 1                       | HS               | United States    | 83401      | 1                | 2021030211629 | 2021-03-30 21:16:29.000 |
| 6     | Mill Valley  | 40              | MT                | Montana           | 0                       | US               | United States    | 59715      | 1                | 2021030211629 | 2021-03-30 21:16:29.000 |
| 7     | Everett      | 40              | MT                | Montana           | 0                       | US               | United States    | 98201      | 1                | 2021030211629 | 2021-03-30 21:16:29.000 |
| 8     | Missoula     | 40              | MT                | Montana           | 0                       | US               | United States    | 59801      | 1                | 2021030211629 | 2021-03-30 21:16:29.000 |
| 9     | Billings     | 40              | MT                | Montana           | 0                       | US               | United States    | 59101      | 1                | 2021030211629 | 2021-03-30 21:16:29.000 |
| 10    | Missoula     | 40              | MT                | Montana           | 0                       | US               | United States    | 89431      | 1                | 2021030211629 | 2021-03-30 21:16:29.000 |
| 11    | Great Falls  | 40              | MT                | Montana           | 0                       | US               | United States    | 59401      | 1                | 2021030211629 | 2021-03-30 21:16:29.000 |
| 12    | Biloxi       | 40              | MT                | Montana           | 0                       | US               | United States    | 59101      | 1                | 2021030211629 | 2021-03-30 21:16:29.000 |
| 13    | W. Linn      | 52              | NV                | Nevada            | 0                       | US               | United States    | 89701      | 1                | 2021030211629 | 2021-03-30 21:16:29.000 |
| 14    | Sparks       | 52              | NV                | Nevada            | 0                       | US               | United States    | 89431      | 1                | 2021030211629 | 2021-03-30 21:16:29.000 |
| 15    | Fremont      | 52              | NV                | Nevada            | 0                       | US               | United States    | 89408      | 1                | 2021030211629 | 2021-03-30 21:16:29.000 |
| 16    | Las Vegas    | 52              | NV                | Nevada            | 0                       | US               | United States    | 89100      | 1                | 2021030211629 | 2021-03-30 21:16:29.000 |
| 17    | Las Vegas    | 52              | NV                | Nevada            | 0                       | US               | United States    | 89108      | 1                | 2021030211629 | 2021-03-30 21:16:29.000 |
| 18    | North Las... | 52              | NV                | Nevada            | 0                       | US               | United States    | 89030      | 1                | 2021030211629 | 2021-03-30 21:16:29.000 |
| 19    | Las Vegas    | 52              | NV                | Nevada            | 0                       | US               | United States    | 89106      | 1                | 2021030211629 | 2021-03-30 21:16:29.000 |
| 20    | Reno         | 52              | NV                | Nevada            | 0                       | US               | United States    | 89602      | 1                | 2021030211629 | 2021-03-30 21:16:29.000 |
| 21    | Portland     | 58              | OR                | Oregon            | 0                       | US               | United States    | 97205      | 1                | 2021030211629 | 2021-03-30 21:16:29.000 |
| 22    | Lebanon      | 58              | OR                | Oregon            | 0                       | US               | United States    | 97355      | 1                | 2021030211629 | 2021-03-30 21:16:29.000 |
| 23    | Lake Osw...  | 58              | OR                | Oregon            | 0                       | US               | United States    | 97034      | 1                | 2021030211629 | 2021-03-30 21:16:29.000 |
| 24    | Corvallis    | 58              | OR                | Oregon            | 0                       | US               | United States    | 97330      | 1                | 2021030211629 | 2021-03-30 21:16:29.000 |
| 25    | Portland     | 58              | OR                | Oregon            | 0                       | US               | United States    | 97205      | 1                | 2021030211629 | 2021-03-30 21:16:29.000 |
| 26    | W. Linn      | 58              | OR                | Oregon            | 0                       | US               | United States    | 97068      | 1                | 2021030211629 | 2021-03-30 21:16:29.000 |

Query executed successfully.

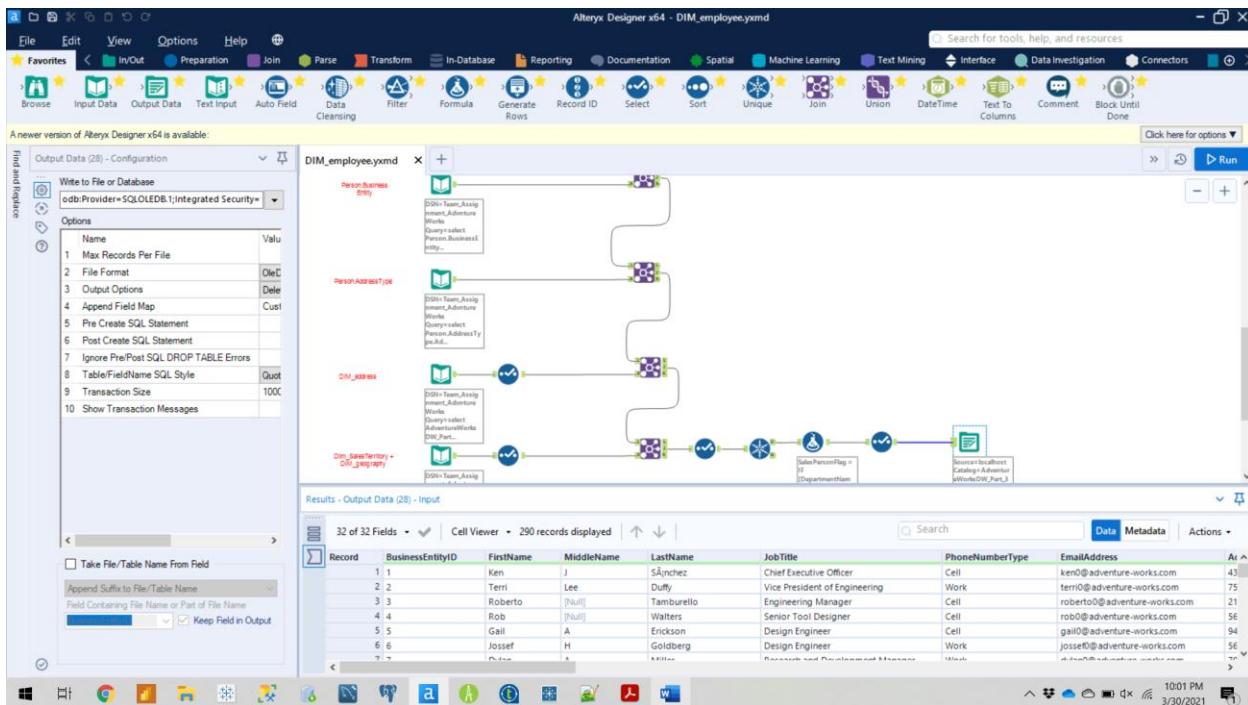
## Dim\_Location:



## Dim\_ScrapReason:



## Dim\_Employee:



**SQLQuery22.sql - DESKTOP-STH5F4.master (info7370 (83)) - Microsoft SQL Server Management Studio**

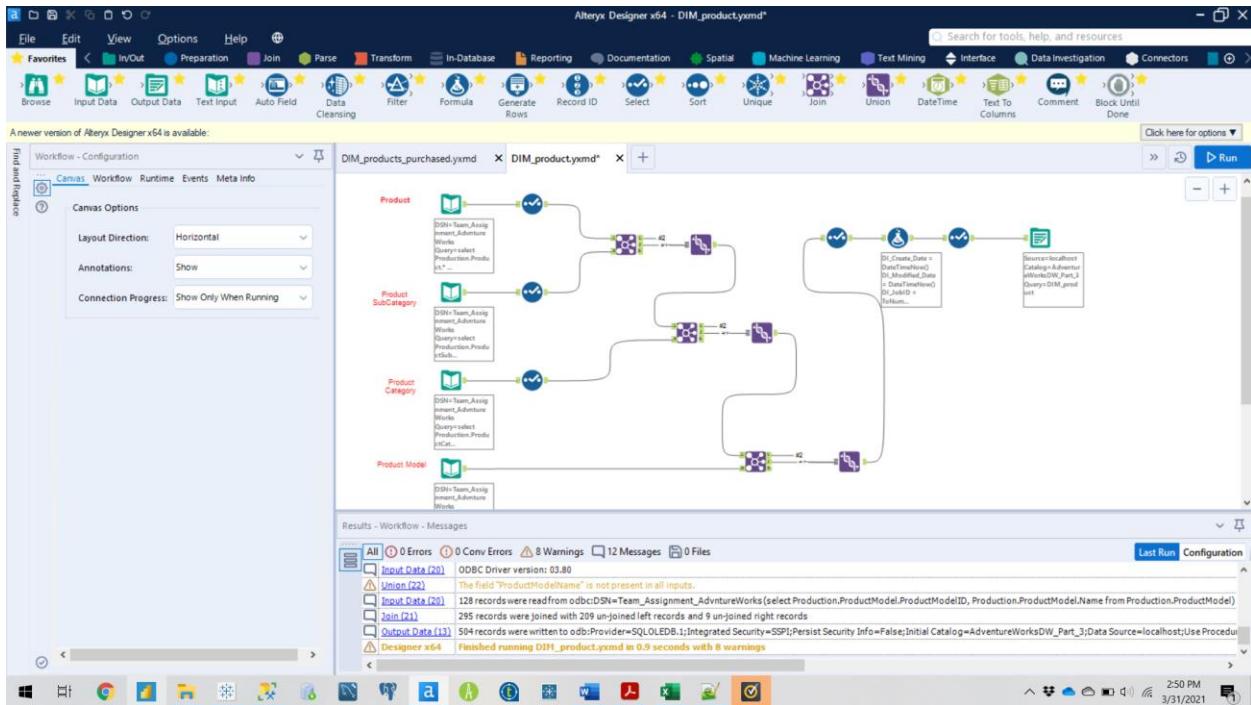
**Object Explorer**

**Results**

```
***** Script for SelectTopNRows command from SSMS *****
Select * from AdventureWorksDW_Part_3.dbo.DIM_employee;
```

| EmployeeKey | BusinessEntityID | EmployeeNationalID | GeoSK | SalesTerritorySK | AddressLine1              | AddressLine2 | Purchase_Buyer | FirstName | LastName        | MiddleName | NameStyle | JobTitle                         |
|-------------|------------------|--------------------|-------|------------------|---------------------------|--------------|----------------|-----------|-----------------|------------|-----------|----------------------------------|
| 1           | 1                | 295947284          | 1     | 1                | 4350 Minute Dr.           |              | 0              | Ken       | Sánchez         | J          | NULL      | Chief Executive Officer          |
| 2           | 2                | 245797967          | 1     | 1                | 7559 Worth Ct.            |              | 0              | Terri     | Duffy           | Lee        | NULL      | Vice President of Engineering    |
| 3           | 3                | 509647174          | 1     | 1                | 2137 Birchwood Dr.        |              | 0              | Roberto   | Tamburello      |            | NULL      | Engineering Manager              |
| 4           | 4                | 112457891          | 385   | 3                | 6578 Lakeview Blvd.       |              | 0              | Rob       | Walters         |            | NULL      | Senior Tool Designer             |
| 5           | 5                | 695256908          | 1     | 1                | 9435 Creek Court          |              | 0              | Gail      | Erickson        | A          | NULL      | Design Engineer                  |
| 6           | 6                | 998320692          | 1     | 1                | 5670 Bel Air Dr.          |              | 0              | Joséf     | Goldberg        | H          | NULL      | Design Engineer                  |
| 7           | 7                | 134969118          | 1     | 1                | 7048 Laurel               |              | 0              | Albert    | Killian         |            | NULL      | Research and Development Manager |
| 8           | 8                | 134969119          | 1     | 1                | 475 Santa Maria           |              | 0              | Diane     | Margheim        | L          | NULL      | Analyst                          |
| 9           | 9                | 605797960          | 1     | 1                | 7608 Birch St.            |              | 0              | Gigi      | McNew           | N          | NULL      | Analyst                          |
| 10          | 10               | 676342154          | 3036  | 4                | 1234 Seaside Way          |              | 0              | Michael   | Rathnew         |            | NULL      | Analyst                          |
| 11          | 11               | 974209903          | 1     | 1                | 5459 Olivestone Drive     |              | 0              | Ovidiu    | Cracium         | V          | NULL      | Analyst                          |
| 12          | 12               | 480168528          | 1     | 1                | 1970 Naon Ct              |              | 0              | Thierry   | D'Hers          | B          | NULL      | Analyst                          |
| 13          | 13               | 496228782          | 1     | 1                | 3397 Rancho Viejo Drive   |              | 0              | Janice    | Galvin          | M          | NULL      | Analyst                          |
| 14          | 14               | 42487730           | 1     | 1                | 6510 Hacienda Drive       |              | 0              | Michael   | Sullivan        | I          | NULL      | Analyst                          |
| 15          | 15               | 56920285           | 1     | 1                | 7165 Brook Lane           |              | 0              | Sharon    | Salavina        | B          | NULL      | Analyst                          |
| 16          | 16               | 24756624           | 1     | 1                | 3768 Door Way             |              | 0              | David     | Bradley         | M          | NULL      | Analyst                          |
| 17          | 17               | 253022876          | 1     | 1                | 7833 Missing Canyon Court |              | 0              | Kevin     | Brown           | F          | NULL      | Analyst                          |
| 18          | 18               | 222969461          | 1     | 1                | 9906 Oak Grove Road       |              | 0              | John      | Wood            | L          | NULL      | Analyst                          |
| 19          | 19               | 52541318           | 1     | 1                | 6307 Greenbelly Way       |              | 0              | Mary      | Dempsey         | A          | NULL      | Analyst                          |
| 20          | 20               | 323403273          | 1     | 1                | 6951 Harmony Way          |              | 0              | Wanda     | Benshoff        | M          | NULL      | Analyst                          |
| 21          | 21               | 243860176          | 1     | 1                | 8666 Via Neruda           |              | 0              | Terry     | Eminizer        | J          | NULL      | Analyst                          |
| 22          | 22               | 222969460          | 1     | 1                | 1185 Dallas Drive         |              | 0              | Sanya     | Hanpadungsataya | E          | NULL      | Analyst                          |
| 23          | 23               | 767953985          | 1     | 1                | 3020 Via Franciscos       |              | 0              | Mary      | Gibson          | E          | NULL      | Analyst                          |
| 24          | 24               | 72636901           | 1     | 1                | 3238 Laguna Circle        |              | 0              | Jill      | Williams        | A          | NULL      | Analyst                          |
| 25          | 25               | 518999004          | 1     | 1                | 9652 Los Angeles          |              | 0              | James     | Hamilton        | R          | NULL      | Analyst                          |
| 26          | 26               | 277173473          | 1     | 1                | 3670 All Ways Drive       |              | 0              | Peter     | Krebs           | J          | NULL      | Analyst                          |

## Dim\_Products\_Sold:



The screenshot shows the Microsoft SQL Server Management Studio (SSMS) interface. The query window displays the following SQL script:

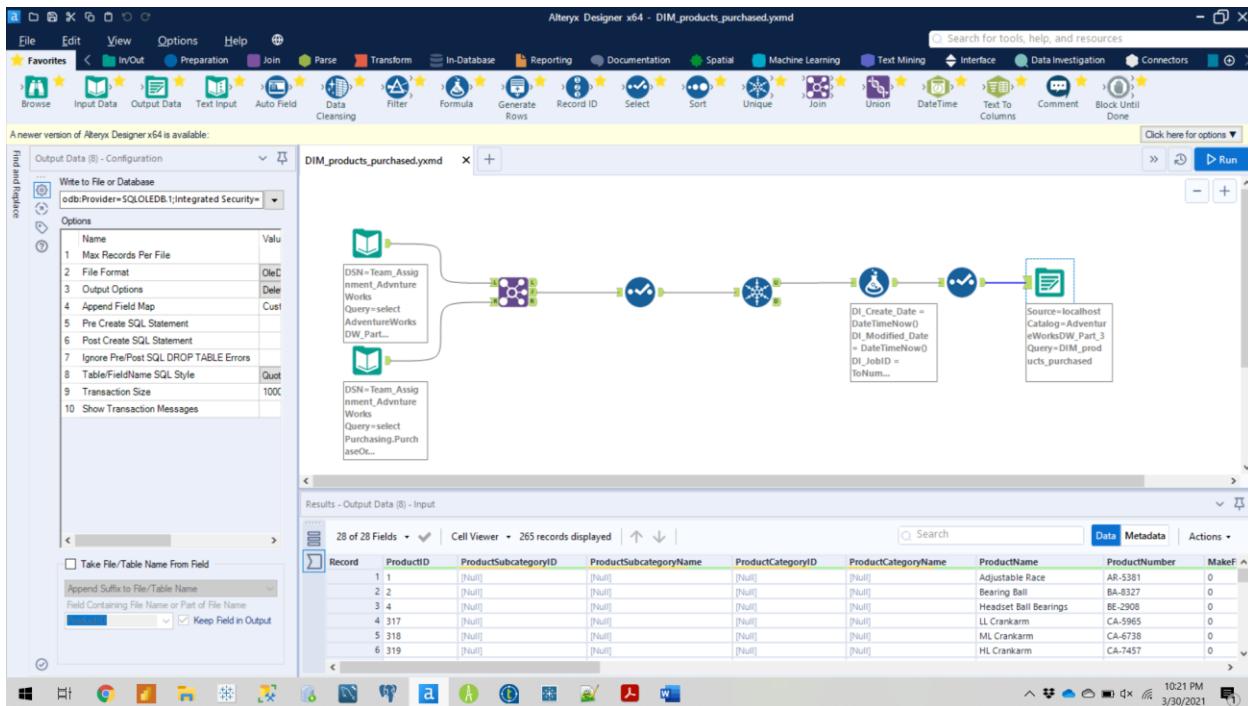
```
***** Script for SelectTopNRows command from SSMS *****
Select * from AdventureWorksDW_Part_3.dbo.DIM_product;
```

The results grid shows the following data (approximate values):

| ProductID | ProductName           | SafetyStockLevel |
|-----------|-----------------------|------------------|
| 1         | Adjustable Race       | 750              |
| 2         | Bearing Ball          | 750              |
| 3         | BB Ball Bearing       | 600              |
| 4         | Headset Ball Bearings | 600              |
| 5         | Blade                 | 600              |
| 6         | LL Crankarm           | 375              |
| 7         | ML Crankarm           | 375              |
| 8         | CR Crankarm           | 500              |
| 9         | Chainring Bolts       | 750              |
| 10        | Chainring Nut         | 750              |
| 11        | Chaining              | 750              |
| 12        | Crown Race            | 750              |
| 13        | Chain Stays           | 750              |
| 14        | Decal 1               | 750              |
| 15        | Decal 2               | 750              |
| 16        | Down Tube             | 600              |
| 17        | Mountain End Caps     | 750              |
| 18        | Road End Caps         | 750              |
| 19        | Touring End Caps      | 750              |
| 20        | Fork End              | 600              |
| 21        | Fender                | 375              |
| 22        | Flat Washer 1         | 750              |
| 23        | Flat Washer 6         | 750              |
| 24        | Flat Washer 2         | 750              |
| 25        | Flat Washer 9         | 750              |
| 26        | Flat Washer 4         | 750              |

The status bar at the bottom indicates "504 rows" were returned.

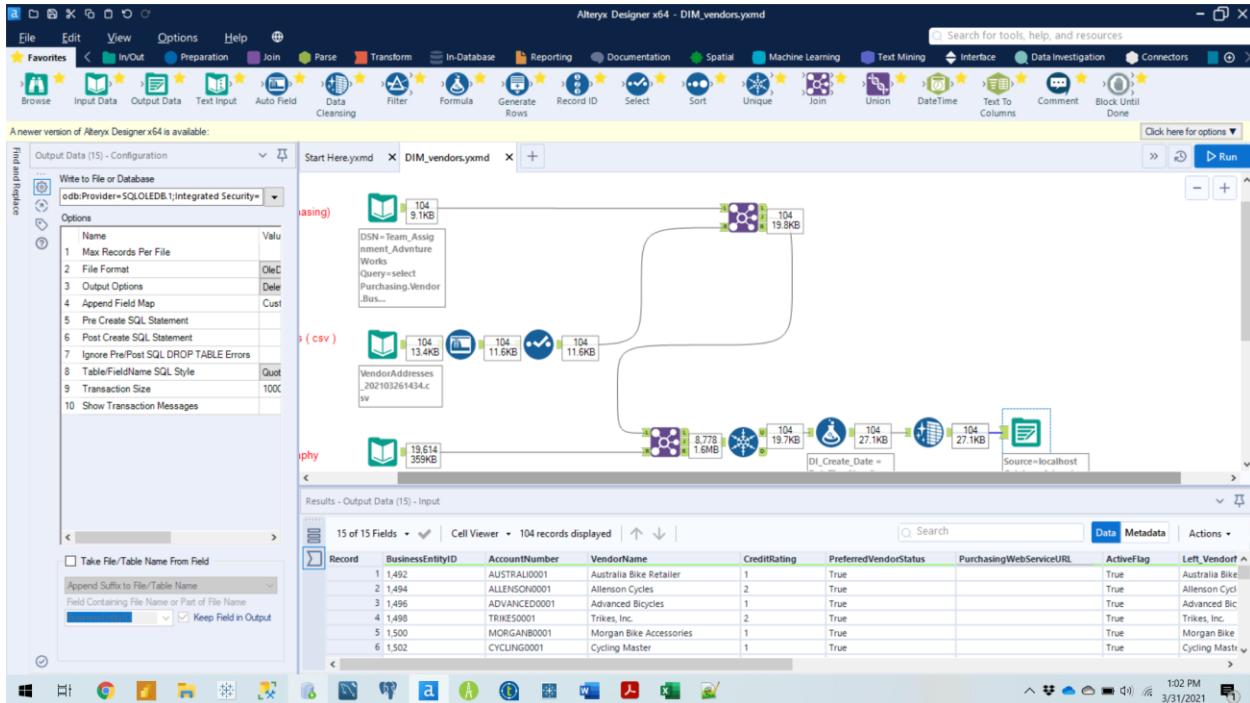
## Dim\_Product\_Purchase:



The screenshot shows Microsoft SQL Server Management Studio (SSMS) with the following details:

- File:** SQLQuery22.sql - DESKTOP-STIH5F4.AdventureWorksDW\_Part\_3 (info7370 (83)) - Microsoft SQL Server Management Studio
- Object Explorer:** Shows database objects like dbo.DIM\_geography, dbo.DIM\_location, etc.
- SQL Editor:** Contains the following T-SQL script:\*\*\*\*\* Script for SelectTopRows command from SSMS \*\*\*\*\*
Select \* from AdventureWorksDW\_Part\_3.dbo.DIM\_products\_purchased;
- Results:** Displays the results of the query, showing 265 records. The columns include ProductPurchasedSK, ProductID, ProductNumber, ProductName, ProductSubcategoryID, ProductSubcategoryName, ProductCategoryID, ProductCategoryName, ProductModelID, ModelName, FinishedGoodsFlag, and ModifiedDate.
- Status Bar:** Shows "Query executed successfully" and the execution time "00:00:00.0000000".

## Dim\_Vendors:



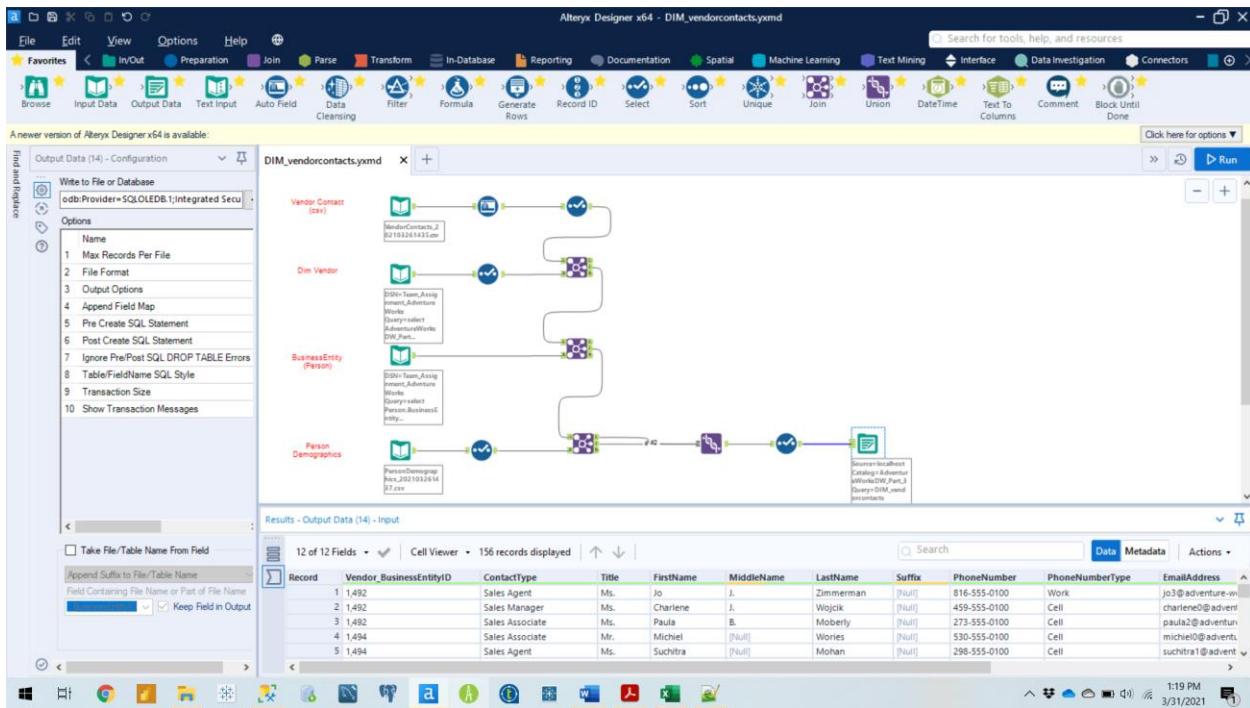
The Microsoft SQL Server Management Studio (SSMS) window displays the results of a query executed against the "AdventureWorksDW\_Part\_3" database. The query is:

```
use AdventureWorksDW_Part_3;
select * from AdventureworksDW_Part_3.dbo.DIM_vendors;
```

The results show 104 records displayed, each containing the following columns:

| Record | BusinessEntityID | AccountNumber | VendorName                 | CreditRating | PreferredVendorStatus | PurchasingWebServiceURL | ActiveFlag | Last_VendorID  |
|--------|------------------|---------------|----------------------------|--------------|-----------------------|-------------------------|------------|----------------|
| 1      | 1492             | AUSTRALI0001  | Australia Bike Retailer    | 1            | True                  |                         | True       | Australia Bike |
| 2      | 1494             | ALLENSON0001  | Allenson Cycles            | 2            | True                  |                         | True       | Allenson Cycl  |
| 3      | 1496             | ADVANCED0001  | Advanced Bicycles          | 1            | True                  |                         | True       | Advanced Bic   |
| 4      | 1498             | TRIKE50001    | Trikes, Inc.               | 2            | True                  |                         | True       | Trikes, Inc.   |
| 5      | 1500             | MORGANB0001   | Morgan Bike Accessories    | 1            | True                  |                         | True       | Morgan Bike    |
| 6      | 1502             | CYCLING0001   | Cycling Master             | 1            | True                  |                         | True       | Cycling Mast   |
| 7      | 1504             | CHICAGO0002   | Chicago Rent-All           | 2            | 1                     |                         | 1          | Main Office    |
| 8      | 1506             | GREENW000001  | Greenwood Athletic Company | 1            | 1                     |                         | 1          | Main Office    |
| 9      | 1508             | COMPETE0001   | Compete Enterprises, Inc   | 1            | 1                     |                         | 1          | Main Office    |
| 10     | 1510             | INTERNAT0001  | International              | 1            | 1                     |                         | 1          | Main Office    |
| 11     | 1512             | LIGHTSP0001   | Light Speed                | 1            | 1                     |                         | 1          | Main Office    |
| 12     | 1514             | TRAINING0001  | Training Systems           | 1            | 1                     |                         | 1          | Main Office    |
| 13     | 1516             | GARDNER0001   | Gardner Touring Cycles     | 1            | 0                     |                         | 0          | Main Office    |
| 14     | 1518             | INTERNAT0000  | International Trek Center  | 1            | 1                     |                         | 1          | Main Office    |
| 15     | 1520             | GOBIKE0001    | Go Bike                    | 1            | 1                     |                         | 1          | Main Office    |
| 16     | 1522             | FIRSTNA0001   | First National Sport Co.   | 1            | 1                     |                         | 1          | Main Office    |
| 17     | 1524             | RECREAT0001   | Recreation Place           | 4            | 1                     |                         | 1          | Main Office    |
| 18     | 1526             | INTERNAT0002  | International Bicycles     | 1            | 1                     |                         | 1          | Main Office    |
| 19     | 1528             | IMAGE000001   | Image Makes Bike Center    | 1            | 1                     |                         | 1          | Main Office    |
| 20     | 1530             | COMFORT0001   | Comfort Road Bicycles      | 1            | 1                     |                         | 1          | Main Office    |
| 21     | 1532             | KNOFFLER0001  | Knoffler Cycles            | 1            | 1                     |                         | 1          | Main Office    |
| 22     | 1534             | READYRE0001   | Ready Rentals              | 1            | 1                     |                         | 1          | Main Office    |
| 23     | 1536             | CRUGER000001  | Cruger Bike Company        | 1            | 1                     |                         | 1          | Main Office    |
| 24     | 1538             | VISTAR000001  | Vista Road Bikes           | 3            | 1                     |                         | 1          | Main Office    |
| 25     | 1540             | BERGER000001  | Bergeron Off Roads         | 1            | 1                     |                         | 1          | Main Office    |
| 26     | 1542             | HILLSBI0001   | Hill's Bicycle Service     | 1            | 1                     |                         | 1          | Main Office    |
| 27     | 1544             | CIRCUIT0001   | Circuit Cycles             | 1            | 0                     |                         | 0          | Main Office    |
| 28     | 1546             | GREENLA0001   | Green Lake Bike Company    | 1            | 1                     |                         | 1          | Main Office    |
| 29     | 1548             | CONSUMER0001  | Consumer Cycles            | 3            | 1                     |                         | 1          | Main Office    |

## Dim\_Vendorcontacts:



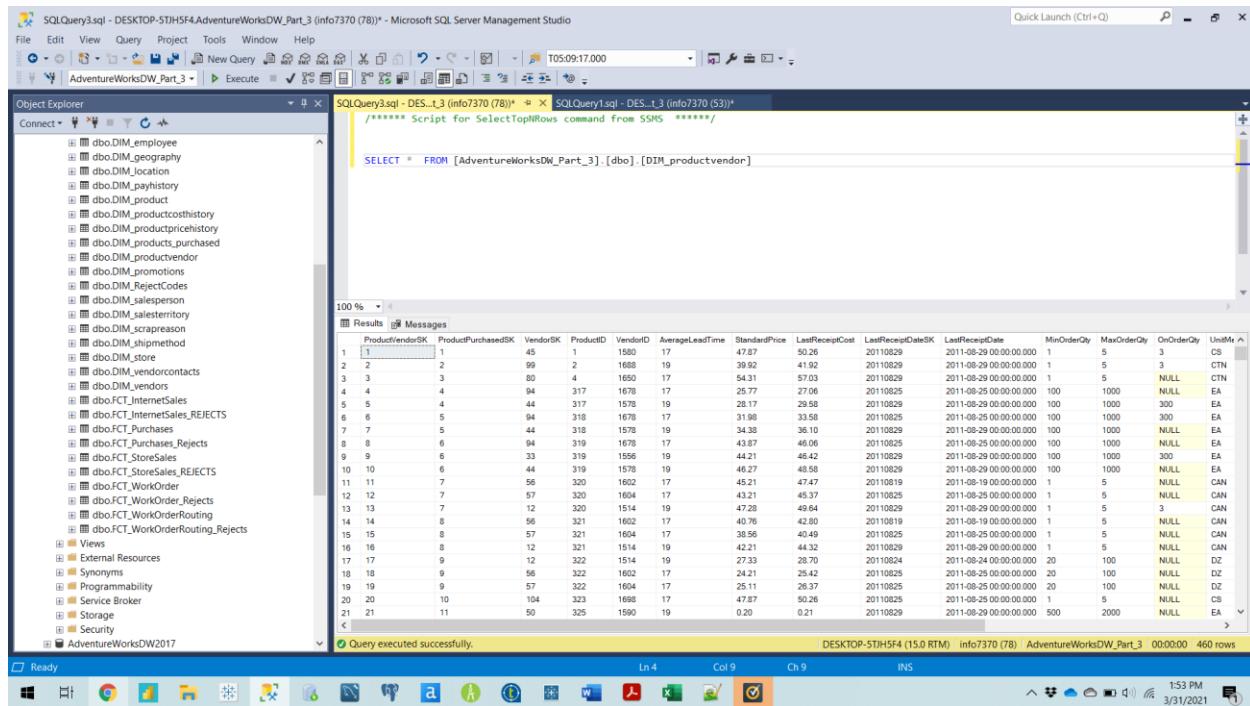
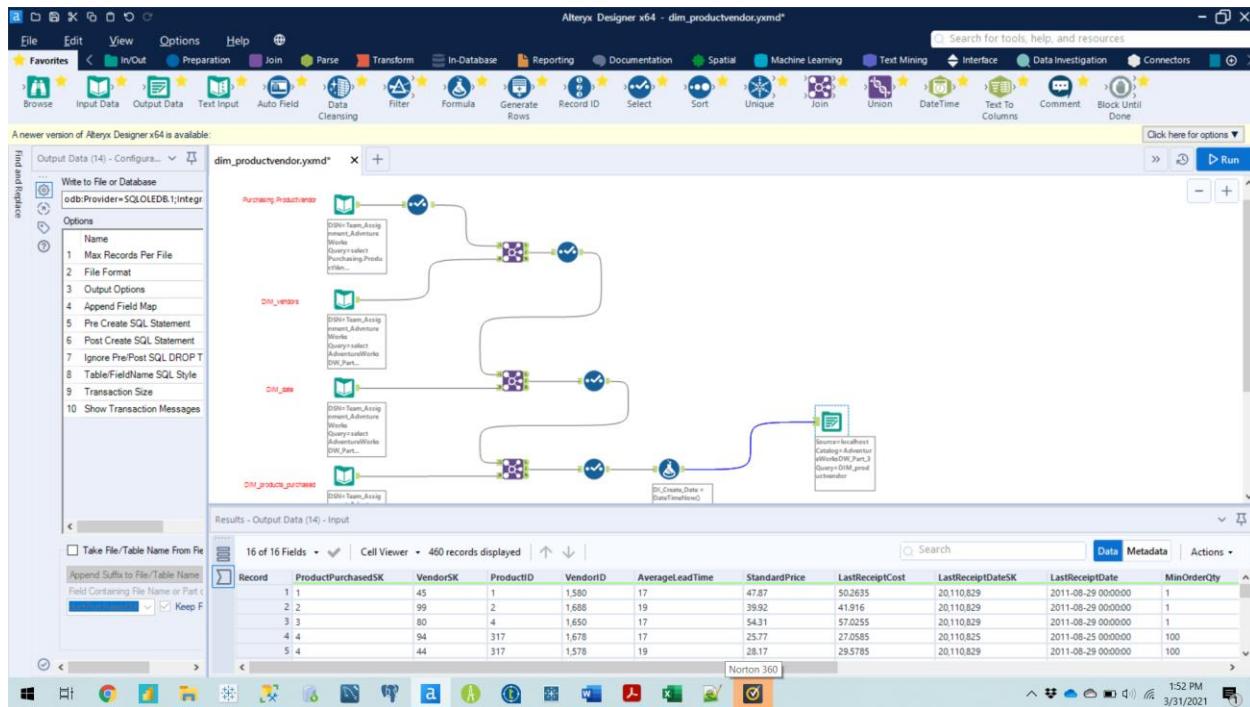
The screenshot shows the Microsoft SQL Server Management Studio (SSMS) interface with the following details:

- File Bar:** File, Edit, View, Query, Project, Tools, Window, Help.
- Toolbar:** Standard toolbar with various icons.
- Object Explorer:** Shows database objects like dbo.DIM\_payhistory, dbo.DIM\_product, etc.
- SQL Query1.sql - DES... - Results:**

```
***** Script for SelectTopRows command from SSMS *****
SELECT TOP (1000) [VendorContactsSK]
,[Vendor_SK]
,[Vendor_BusinessEntityID]
,[ContactType]
,[Title]
,[FirstName]
,[MiddleName]
,[LastName]
,[Suffix]
,[PhoneNumber]
,[PhoneNumberType]
,[EmailAddress]
,[Person_BusinessEntityID]
```
- Results Grid:**

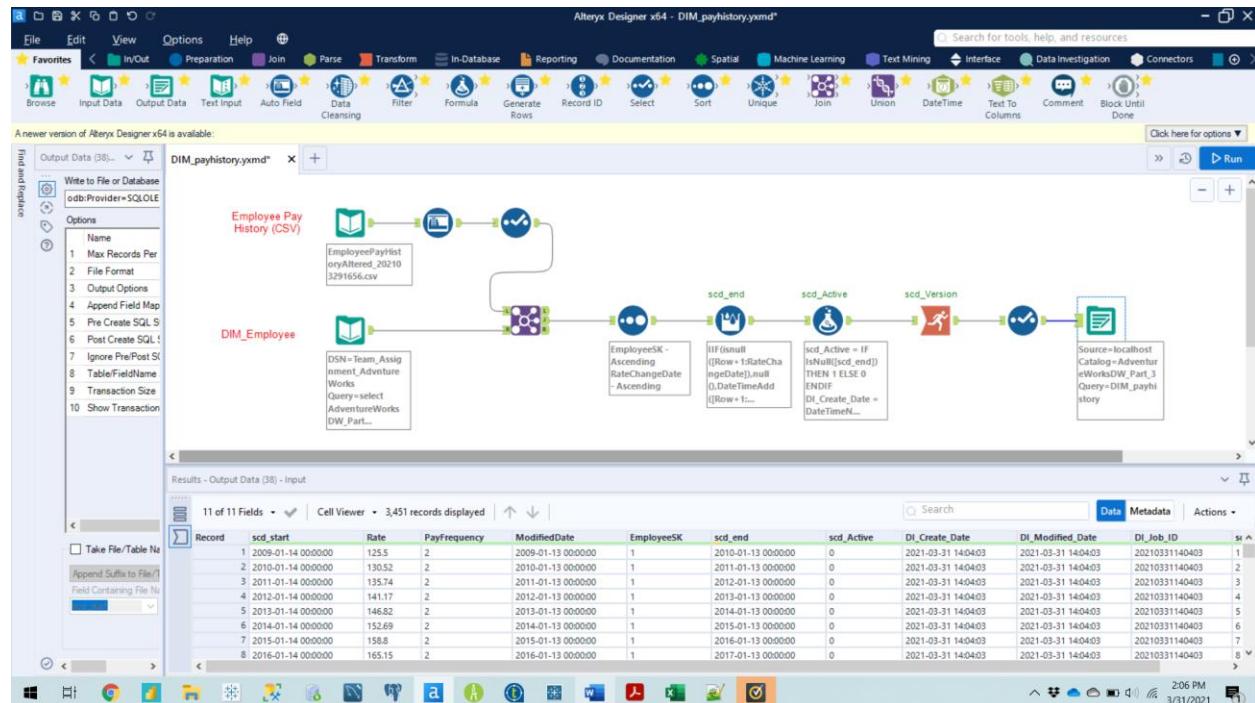
| VendorContactsSK | VendorSK | Vendor_BusinessEntityID | ContactType     | Title                 | FirstName | MiddleName | LastName   | Suffix   | PhoneNumber  | PhoneNumberType | EmailAddress                  | Person_BusinessEntityID       |      |
|------------------|----------|-------------------------|-----------------|-----------------------|-----------|------------|------------|----------|--------------|-----------------|-------------------------------|-------------------------------|------|
| 1                | 1        | 1492                    | Sales Agent     | Ms.                   | Jo        | J.         | Zimmerman  | NULL     | 816-555-0100 | Work            | jo3@adventure-works.com       | NULL                          |      |
| 2                | 2        | 1492                    | Sales Manager   | Ms.                   | Charlene  | J.         | Wojcik     | NULL     | 459-555-0100 | Cell            | charlene0@adventure-works.com | NULL                          |      |
| 3                | 3        | 1492                    | Sales Associate | Ms.                   | Paula     | B.         | Moberly    | NULL     | 273-555-0100 | Cell            | paula2@adventure-works.com    | NULL                          |      |
| 4                | 4        | 1494                    | Sales Associate | Mr.                   | Michel    | [NULL]     | Worries    | NULL     | 530-555-0100 | Cell            | michel0@adventure-works.com   | NULL                          |      |
| 5                | 5        | 1494                    | Sales Agent     | Ms.                   | Eugene    | N.         | Zabokitski | NULL     | 298-555-0100 | Cell            | suchitra1@adventure-works.com | NULL                          |      |
| 6                | 6        | 3                       | 1496            | Sales Agent           | Mr.       | James      | C.         | Wilson   | NULL         | 230-555-0100    | Work                          | james16@adventure-works.com   | NULL |
| 7                | 7        | 3                       | 1496            | Sales Manager         | Ms.       | James      | C.         | Wilson   | NULL         | 230-555-0100    | Work                          | james16@adventure-works.com   | NULL |
| 8                | 8        | 3                       | 1496            | Sales Associate       | Mr.       | Jonathan   | N.         | Moeller  | NULL         | 859-555-0100    | Work                          | jonathan1@adventure-works.com | NULL |
| 9                | 9        | 4                       | 1498            | Sales Associate       | Mr.       | William    | J.         | Monroe   | NULL         | 315-555-0100    | Work                          | william3@adventure-works.com  | NULL |
| 10               | 10       | 5                       | 1500            | Sales Associate       | Ms.       | Alan       | L.         | Monitor  | NULL         | 142-555-0100    | Cell                          | alan2@adventure-works.com     | NULL |
| 11               | 11       | 6                       | 1502            | Sales Agent           | Ms.       | Hiliane    | N.         | Montes   | NULL         | 920-555-0100    | Cell                          | hiliane0@adventure-works.com  | NULL |
| 12               | 12       | 7                       | 1504            | Sales Manager         | Mr.       | Bobby      | N.         | Moore    | NULL         | 879-555-0100    | Cell                          | bobby0@adventure-works.com    | NULL |
| 13               | 13       | 8                       | 1506            | Sales Manager         | Ms.       | Barbara    | N.         | Moreland | NULL         | 959-555-0100    | Work                          | barbara8@adventure-works.com  | NULL |
| 14               | 14       | 9                       | 1508            | Sales Agent           | Ms.       | Carla      | J.         | Zubaty   | NULL         | 516-555-0100    | Cell                          | carla2@adventure-works.com    | NULL |
| 15               | 15       | 9                       | 1508            | Sales Manager         | Ms.       | Sheila     | N.         | Word     | NULL         | 387-555-0100    | Cell                          | sheila1@adventure-works.com   | NULL |
| 16               | 16       | 9                       | 1508            | Sales Associate       | Mr.       | Jon        | N.         | Morris   | NULL         | 321-555-0100    | Work                          | jon2@adventure-works.com      | NULL |
| 17               | 17       | 10                      | 1510            | Assistant Sales Agent | Ms.       | Julia      | N.         | Mosely   | NULL         | 434-555-0100    | Work                          | julia0@adventure-works.com    | NULL |
| 18               | 18       | 11                      | 1512            | Sales Associate       | Ms.       | Steve      | E.         | Moya     | NULL         | 946-555-0100    | Work                          | steve8@adventure-works.com    | NULL |
| 19               | 19       | 12                      | 1514            | Sales Agent           | Mr.       | Zheng      | N.         | Mu       | NULL         | 945-555-0100    | Cell                          | zheng9@adventure-works.com    | NULL |
| 20               | 20       | 13                      | 1516            | Sales Manager         | Mr.       | Baiman     | N.         | Mughal   | NULL         | 882-555-0100    | Work                          | salman0@adventure-works.com   | NULL |
| 21               | 21       | 13                      | 1516            | Sales Associate       | Mr.       | Michael    | J.         | Zwilling | NULL         | 542-555-0100    | Cell                          | michael2@adventure-works.com  | NULL |
- Message Bar:** Query executed successfully.
- System Bar:** DESKTOP-STIH5F4 (15.0 RTM) info7370 (78) AdventureWorksDW\_Part\_3 00:00:00 156 rows.

## Dim\_ProductVendor :



## Slowly Changing Dimensions:

Dim\_PayHistory :



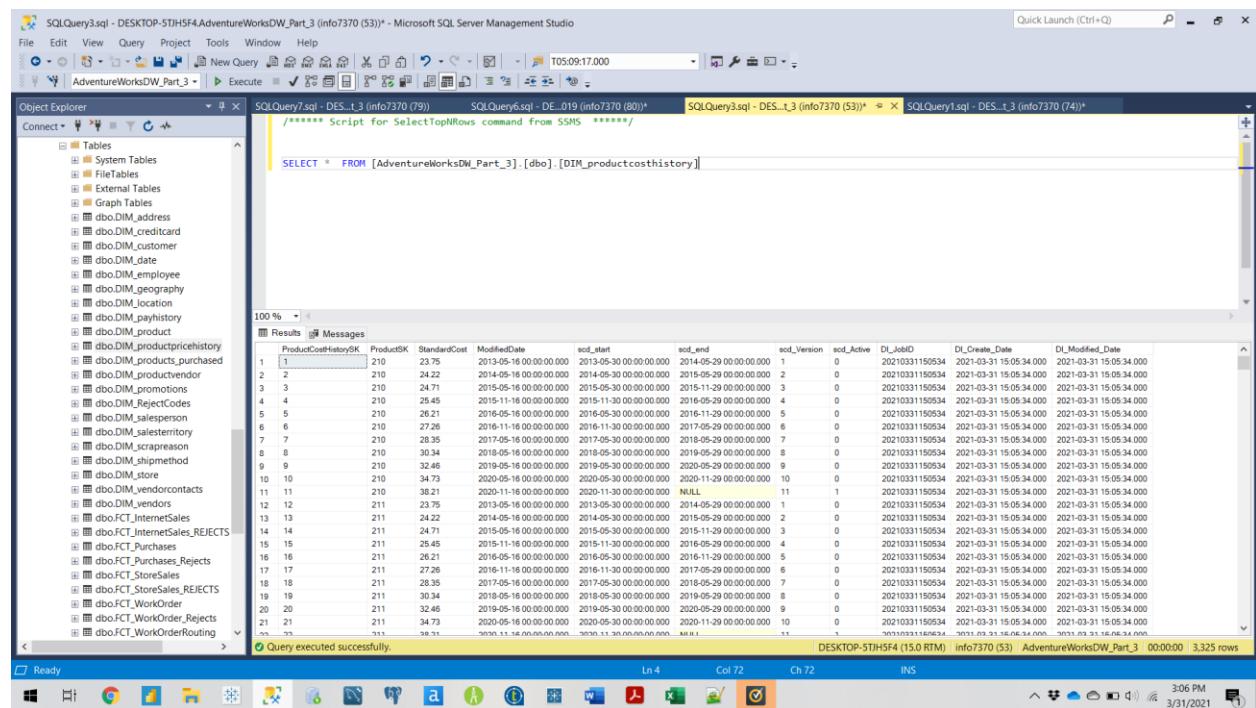
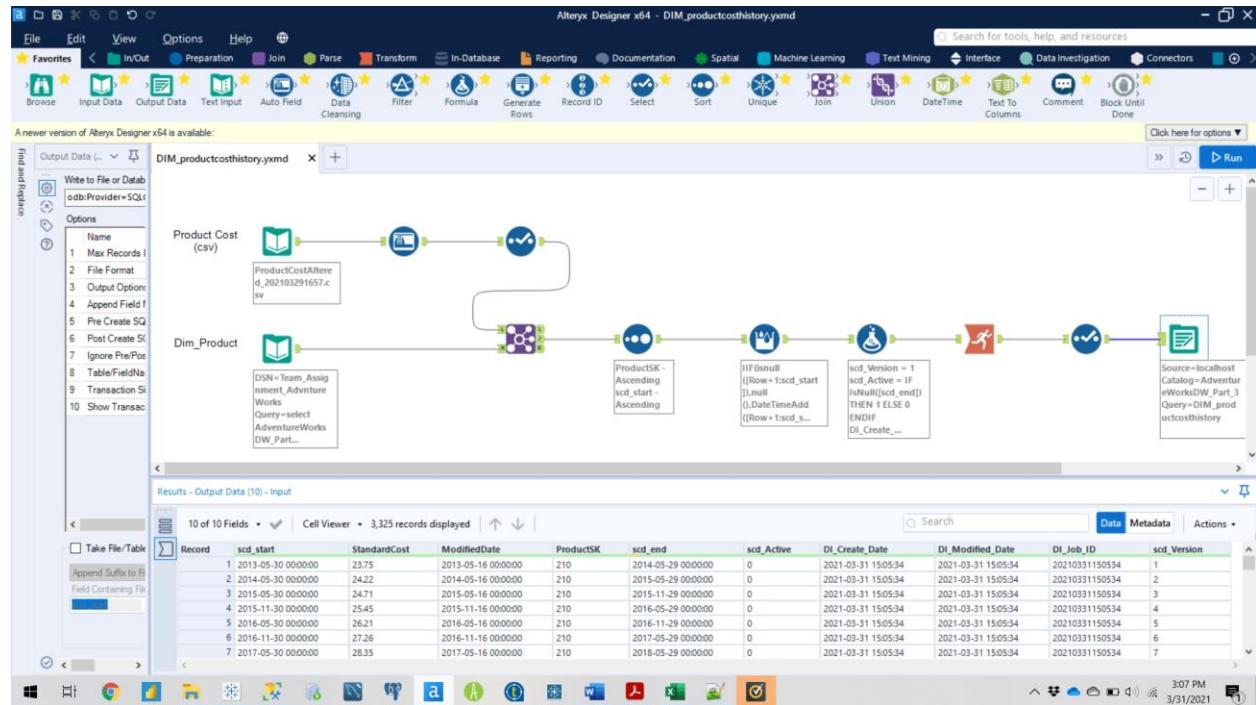
The screenshot shows the Microsoft SQL Server Management Studio (SSMS) interface. The query window displays the following SQL code:

```
===== Script for SelectTopNRows command from SSMS =====
SELECT * FROM [AdventureWorksDW_Part_3].[dbo].[DIM_payhistory]
```

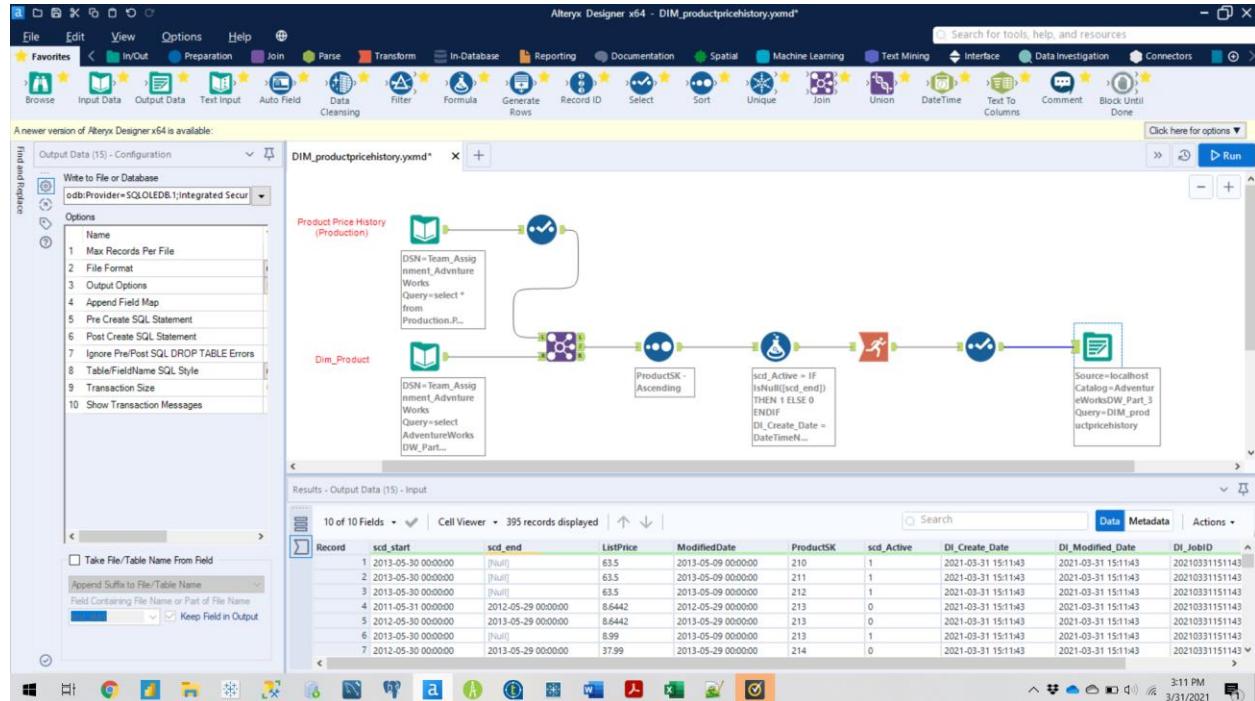
The results grid shows the same data as the Alteryx output, with 3,451 rows displayed. The columns are:

| Record | scd_start           | Rate   | PayFrequency | ModifiedDate        | EmployeeSK | scd_end             | scd_Active | DI_Create_Date      | DI_Modified_Date    | DI_Job_ID      |
|--------|---------------------|--------|--------------|---------------------|------------|---------------------|------------|---------------------|---------------------|----------------|
| 1      | 2009-01-14 00:00:00 | 125.5  | 2            | 2009-01-13 00:00:00 | 1          | 2010-01-13 00:00:00 | 0          | 2021-03-31 14:04:03 | 2021-03-31 14:04:03 | 20210331140403 |
| 2      | 2010-01-14 00:00:00 | 130.52 | 2            | 2010-01-13 00:00:00 | 1          | 2011-01-13 00:00:00 | 0          | 2021-03-31 14:04:03 | 2021-03-31 14:04:03 | 20210331140403 |
| 3      | 2011-01-14 00:00:00 | 135.74 | 2            | 2011-01-13 00:00:00 | 1          | 2012-01-13 00:00:00 | 0          | 2021-03-31 14:04:03 | 2021-03-31 14:04:03 | 20210331140403 |
| 4      | 2012-01-14 00:00:00 | 141.17 | 2            | 2012-01-13 00:00:00 | 1          | 2013-01-13 00:00:00 | 0          | 2021-03-31 14:04:03 | 2021-03-31 14:04:03 | 20210331140403 |
| 5      | 2013-01-14 00:00:00 | 146.82 | 2            | 2013-01-13 00:00:00 | 1          | 2014-01-13 00:00:00 | 0          | 2021-03-31 14:04:03 | 2021-03-31 14:04:03 | 20210331140403 |
| 6      | 2014-01-14 00:00:00 | 152.69 | 2            | 2014-01-13 00:00:00 | 1          | 2015-01-13 00:00:00 | 0          | 2021-03-31 14:04:03 | 2021-03-31 14:04:03 | 20210331140403 |
| 7      | 2015-01-14 00:00:00 | 158.8  | 2            | 2015-01-13 00:00:00 | 1          | 2016-01-13 00:00:00 | 0          | 2021-03-31 14:04:03 | 2021-03-31 14:04:03 | 20210331140403 |
| 8      | 2016-01-14 00:00:00 | 165.15 | 2            | 2016-01-13 00:00:00 | 1          | 2017-01-13 00:00:00 | 0          | 2021-03-31 14:04:03 | 2021-03-31 14:04:03 | 20210331140403 |

## DIM\_ProductCostHistory:



## DIM\_ProductPriceHistory:



The screenshot shows the Microsoft SQL Server Management Studio (SSMS) interface with a query window titled "SQLQuery3.sql". The query is:

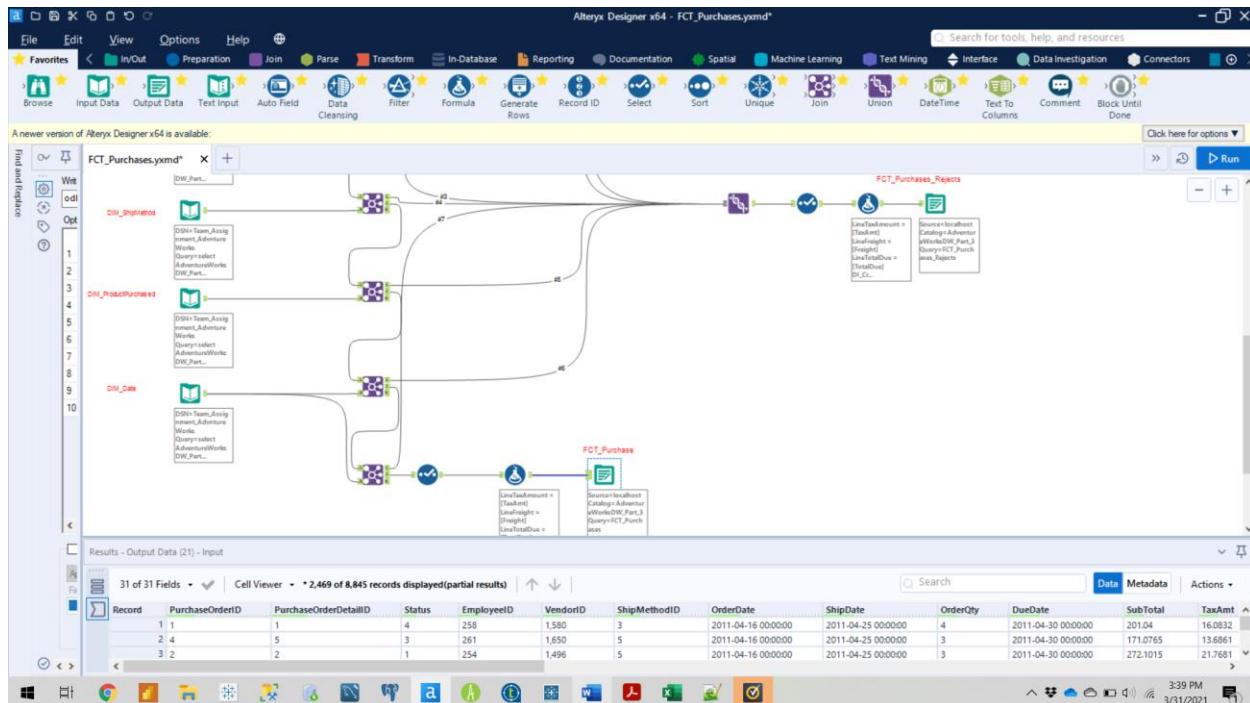
```
SELECT * FROM [AdventureWorksDW_Part_3].[dbo].[DIM_productpricehistory]
```

The results grid displays the following data (rows 1-27):

|    | ProductPriceHistoryID | ProductSK | ListPrice               | ModifiedDate            | scd_start               | scd_end | scd_Version | scd_Active | DI_JobID       | DI_Create_Date          | DI_Modified_Date        |
|----|-----------------------|-----------|-------------------------|-------------------------|-------------------------|---------|-------------|------------|----------------|-------------------------|-------------------------|
| 1  | 210                   | 63.50     | 2013-05-09 00:00:00.000 | 2013-05-30 00:00:00.000 | NULL                    | 1       | 1           | 1          | 20210331151143 | 2021-03-31 15:11:43.000 | 2021-03-31 15:11:43.000 |
| 2  | 211                   | 63.50     | 2013-05-09 00:00:00.000 | 2013-05-30 00:00:00.000 | NULL                    | 1       | 1           | 1          | 20210331151143 | 2021-03-31 15:11:43.000 | 2021-03-31 15:11:43.000 |
| 3  | 212                   | 63.50     | 2013-05-09 00:00:00.000 | 2013-05-30 00:00:00.000 | NULL                    | 1       | 1           | 1          | 20210331151143 | 2021-03-31 15:11:43.000 | 2021-03-31 15:11:43.000 |
| 4  | 213                   | 8.64      | 2012-05-29 00:00:00.000 | 2011-05-31 00:00:00.000 | 2012-05-29 00:00:00.000 | 1       | 0           | 0          | 20210331151143 | 2021-03-31 15:11:43.000 | 2021-03-31 15:11:43.000 |
| 5  | 213                   | 8.64      | 2013-05-29 00:00:00.000 | 2012-05-30 00:00:00.000 | 2013-05-29 00:00:00.000 | 2       | 0           | 0          | 20210331151143 | 2021-03-31 15:11:43.000 | 2021-03-31 15:11:43.000 |
| 6  | 213                   | 8.99      | 2013-05-09 00:00:00.000 | 2013-05-30 00:00:00.000 | 2013-05-29 00:00:00.000 | 3       | 1           | 1          | 20210331151143 | 2021-03-31 15:11:43.000 | 2021-03-31 15:11:43.000 |
| 7  | 214                   | 37.99     | 2013-05-29 00:00:00.000 | 2012-05-30 00:00:00.000 | 2013-05-29 00:00:00.000 | 1       | 0           | 0          | 20210331151143 | 2021-03-31 15:11:43.000 | 2021-03-31 15:11:43.000 |
| 8  | 215                   | 37.99     | 2013-05-29 00:00:00.000 | 2012-05-30 00:00:00.000 | 2013-05-29 00:00:00.000 | 1       | 0           | 0          | 20210331151143 | 2021-03-31 15:11:43.000 | 2021-03-31 15:11:43.000 |
| 9  | 216                   | 37.99     | 2013-05-29 00:00:00.000 | 2012-05-30 00:00:00.000 | 2013-05-29 00:00:00.000 | 1       | 0           | 0          | 20210331151143 | 2021-03-31 15:11:43.000 | 2021-03-31 15:11:43.000 |
| 10 | 217                   | 23.55     | 2013-05-29 00:00:00.000 | 2012-05-30 00:00:00.000 | 2013-05-29 00:00:00.000 | 1       | 0           | 0          | 20210331151143 | 2021-03-31 15:11:43.000 | 2021-03-31 15:11:43.000 |
| 11 | 217                   | 24.49     | 2013-05-29 00:00:00.000 | 2011-05-31 00:00:00.000 | 2012-05-29 00:00:00.000 | 2       | 1           | 0          | 20210331151143 | 2021-03-31 15:11:43.000 | 2021-03-31 15:11:43.000 |
| 12 | 218                   | 23.55     | 2013-05-29 00:00:00.000 | 2012-05-30 00:00:00.000 | 2013-05-29 00:00:00.000 | 1       | 0           | 0          | 20210331151143 | 2021-03-31 15:11:43.000 | 2021-03-31 15:11:43.000 |
| 13 | 218                   | 24.49     | 2013-05-29 00:00:00.000 | 2013-05-30 00:00:00.000 | 2012-05-29 00:00:00.000 | 2       | 1           | 0          | 20210331151143 | 2021-03-31 15:11:43.000 | 2021-03-31 15:11:43.000 |
| 14 | 219                   | 23.55     | 2013-05-29 00:00:00.000 | 2012-05-30 00:00:00.000 | 2013-05-29 00:00:00.000 | 1       | 0           | 0          | 20210331151143 | 2021-03-31 15:11:43.000 | 2021-03-31 15:11:43.000 |
| 15 | 219                   | 24.49     | 2013-05-29 00:00:00.000 | 2013-05-30 00:00:00.000 | 2012-05-29 00:00:00.000 | 2       | 1           | 0          | 20210331151143 | 2021-03-31 15:11:43.000 | 2021-03-31 15:11:43.000 |
| 16 | 220                   | 1204.32   | 2012-05-29 00:00:00.000 | 2011-05-31 00:00:00.000 | 2012-05-29 00:00:00.000 | 1       | 0           | 0          | 20210331151143 | 2021-03-31 15:11:43.000 | 2021-03-31 15:11:43.000 |
| 17 | 220                   | 1240.45   | 2013-05-29 00:00:00.000 | 2012-05-30 00:00:00.000 | 2013-05-29 00:00:00.000 | 2       | 0           | 0          | 20210331151143 | 2021-03-31 15:11:43.000 | 2021-03-31 15:11:43.000 |
| 18 | 220                   | 1364.50   | 2013-05-09 00:00:00.000 | 2013-05-30 00:00:00.000 | NULL                    | 3       | 1           | 0          | 20210331151143 | 2021-03-31 15:11:43.000 | 2021-03-31 15:11:43.000 |
| 19 | 221                   | 1364.50   | 2012-05-29 00:00:00.000 | 2011-05-31 00:00:00.000 | 2012-05-29 00:00:00.000 | 1       | 0           | 0          | 20210331151143 | 2021-03-31 15:11:43.000 | 2021-03-31 15:11:43.000 |
| 20 | 220                   | 1364.50   | 2012-05-29 00:00:00.000 | 2011-05-31 00:00:00.000 | 2012-05-29 00:00:00.000 | 1       | 0           | 0          | 20210331151143 | 2021-03-31 15:11:43.000 | 2021-03-31 15:11:43.000 |
| 21 | 221                   | 1204.32   | 2012-05-29 00:00:00.000 | 2011-05-31 00:00:00.000 | 2012-05-29 00:00:00.000 | 1       | 0           | 0          | 20210331151143 | 2021-03-31 15:11:43.000 | 2021-03-31 15:11:43.000 |
| 22 | 223                   | 1240.45   | 2013-05-29 00:00:00.000 | 2012-05-30 00:00:00.000 | 2013-05-29 00:00:00.000 | 2       | 0           | 0          | 20210331151143 | 2021-03-31 15:11:43.000 | 2021-03-31 15:11:43.000 |
| 23 | 223                   | 1964.00   | 2012-05-29 00:00:00.000 | 2011-05-30 00:00:00.000 | 2012-05-29 00:00:00.000 | 3       | 1           | 0          | 20210331151143 | 2021-03-31 15:11:43.000 | 2021-03-31 15:11:43.000 |
| 24 | 224                   | 1191.17   | 2012-05-29 00:00:00.000 | 2011-05-31 00:00:00.000 | 2012-05-29 00:00:00.000 | 1       | 0           | 0          | 20210331151143 | 2021-03-31 15:11:43.000 | 2021-03-31 15:11:43.000 |
| 25 | 224                   | 1238.91   | 2013-05-29 00:00:00.000 | 2013-06-01 00:00:00.000 | 2013-05-29 00:00:00.000 | 2       | 0           | 0          | 20210331151143 | 2021-03-31 15:11:43.000 | 2021-03-31 15:11:43.000 |
| 26 | 224                   | 1349.60   | 2013-05-09 00:00:00.000 | 2013-05-30 00:00:00.000 | NULL                    | 3       | 1           | 0          | 20210331151143 | 2021-03-31 15:11:43.000 | 2021-03-31 15:11:43.000 |
| 27 | 225                   | 1349.60   | 2012-05-29 00:00:00.000 | 2011-05-31 00:00:00.000 | 2012-05-29 00:00:00.000 | 1       | 0           | 0          | 20210331151143 | 2021-03-31 15:11:43.000 | 2021-03-31 15:11:43.000 |

## Facts:

FCT\_Purchases & FCT\_Purchases\_Rejects:



The Microsoft SQL Server Management Studio (SSMS) interface shows two queries running against the AdventureWorksDW database. The top query is:

```
SELECT * FROM [AdventureWorksDW].[Part_3].[dbo].[FCT_Purchases]
```

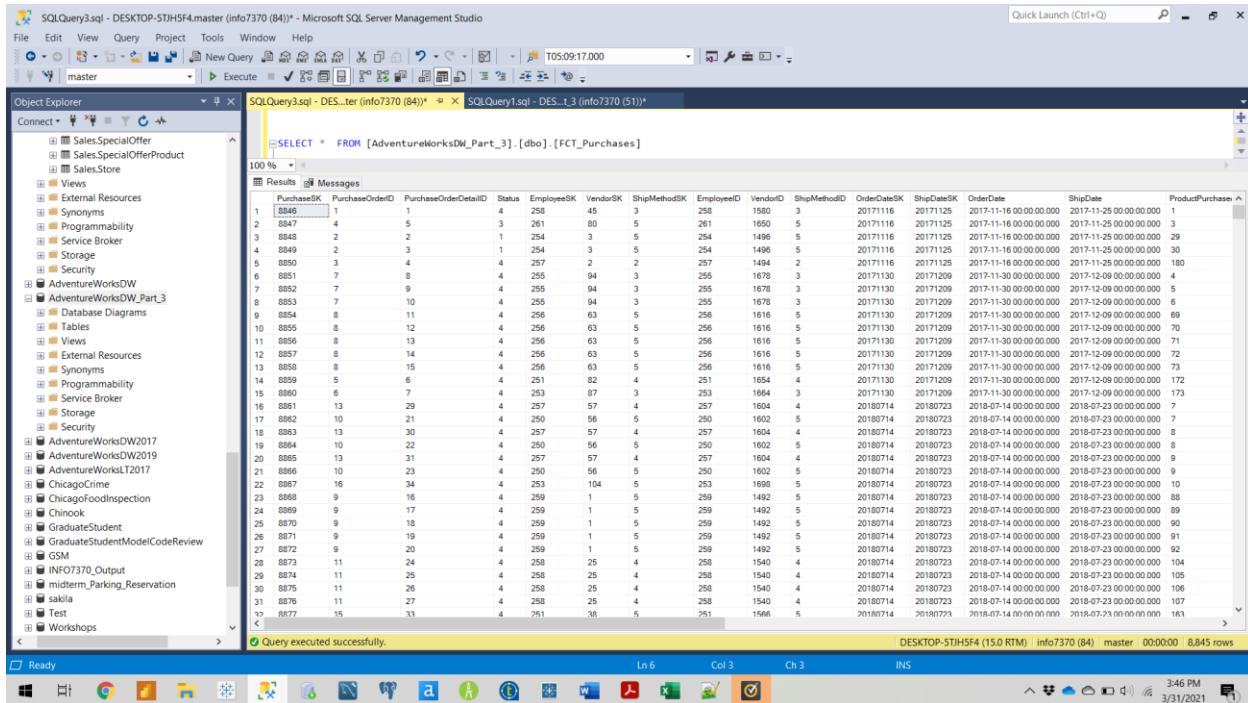
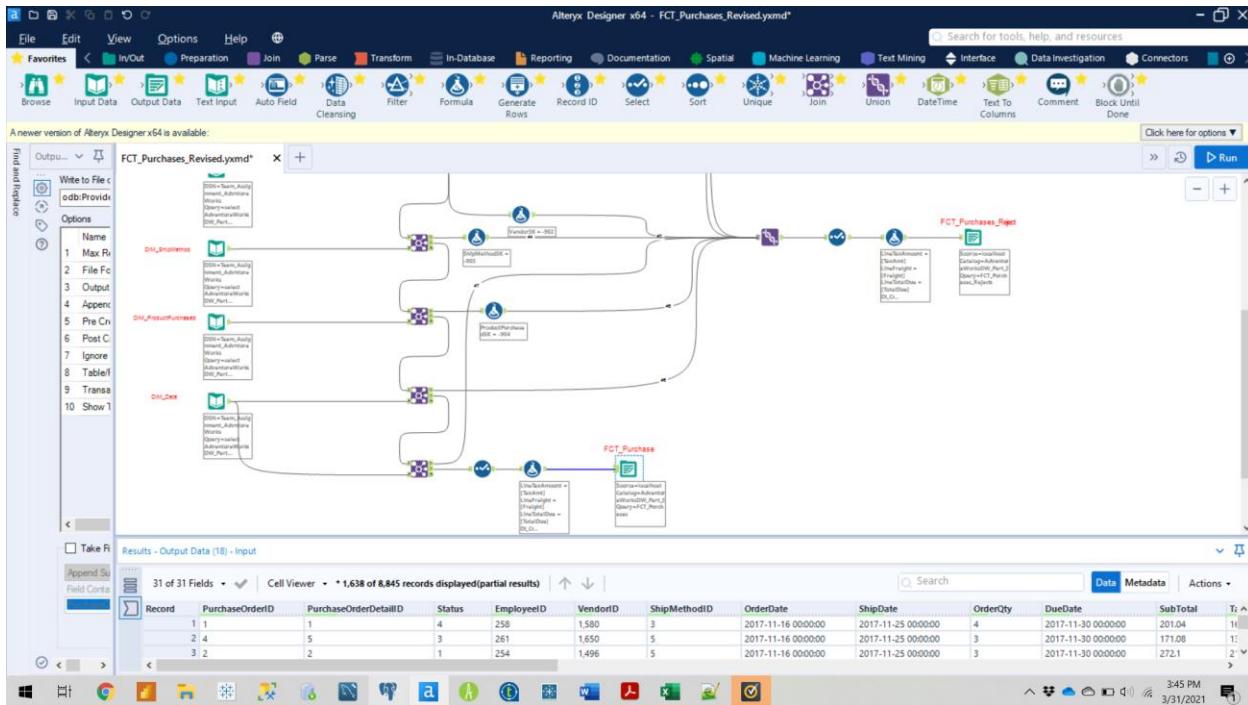
The bottom query is:

```
SELECT * FROM [AdventureWorksDW].[Part_3].[dbo].[FCT_Purchases_Rejects]
```

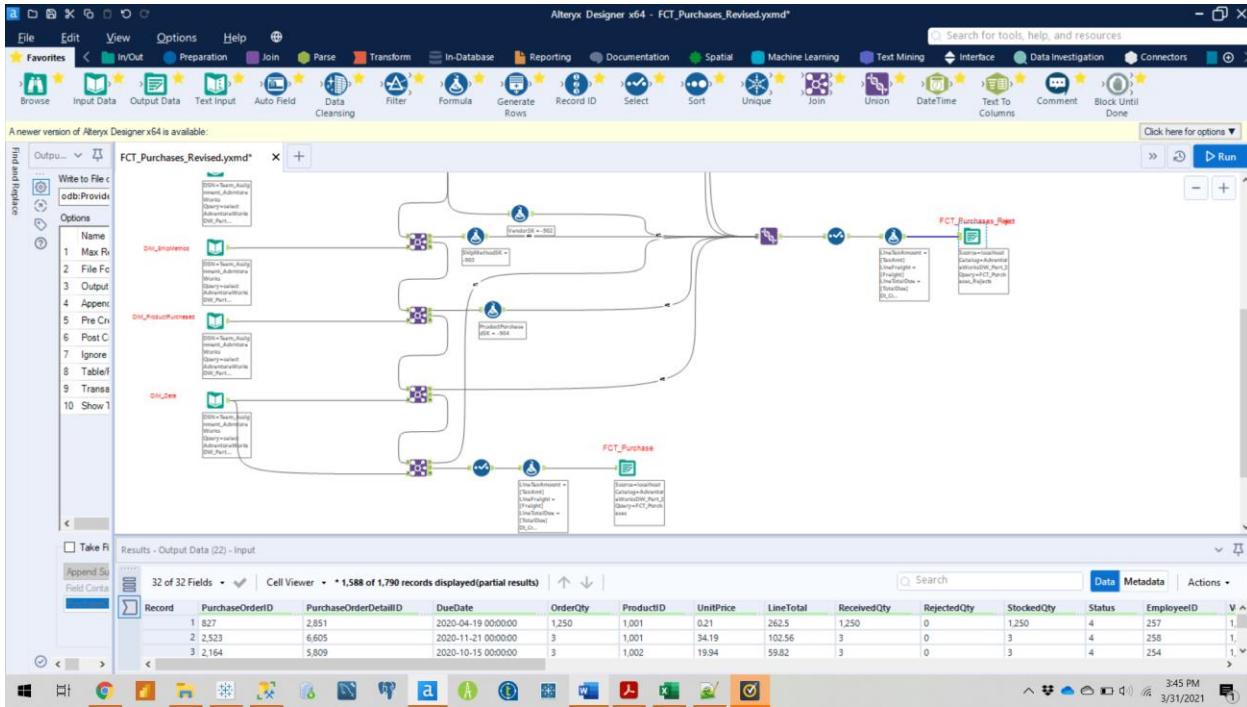
Both queries return 8,845 rows. The results pane shows the first few rows of each table, with the FCT\_Purchases table having 8,845 rows and the FCT\_Purchases\_Rejects table having 0 rows.

- Reject records are 0 when made using tables present in AdventureWorks2019.

## FCT\_Purchases & FCT\_Purchases\_Rejects (Revised Version):



### Rejects:



SQLQuery3.sql - DESKTOP-5THHSF4.master (info7370 (84)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

New Query Object Explorer Connect

master Execute SQL Server Object Explorer

SQLQuery3.sql - DES\_ter (info7370 (84)) × SQLQuery1.sql - DES\_t\_3 (info7370 (51))

SELECT \* FROM [AdventureWorksDW\_Part\_3].[dbo].[FCT\_Purchases\_Rejects]

100% Results Messages

| PurchaseSK | PurchaseOrderID | PurchaseOrderDetailID | Status | EmployeeSK | VendorSK | ShipMethodSK | EmployeeID | VendorID | ShipMethodID | OrderDateSK | ShipDateSK | OrderDate | ShipDate                | ProductPurchase         |      |
|------------|-----------------|-----------------------|--------|------------|----------|--------------|------------|----------|--------------|-------------|------------|-----------|-------------------------|-------------------------|------|
| 1          | 1               | 827                   | 2851   | 4          | 257      | 50           | 1          | 257      | 1980         | 1           | NULL       | NULL      | 2020-04-05 00:00:00.000 | 2020-04-05 00:00:00.000 | NULL |
| 2          | 2               | 2023                  | 6605   | 4          | 256      | 38           | 5          | 256      | 1980         | 5           | NULL       | NULL      | 2020-04-05 00:00:00.000 | 2020-04-05 00:00:00.000 | NULL |
| 3          | 3               | 2164                  | 5809   | 4          | 254      | 51           | 2          | 254      | 1982         | 2           | NULL       | NULL      | 2020-10-01 00:00:00.000 | 2020-10-01 00:00:00.000 | NULL |
| 4          | 4               | 11                    | 1139   | 4          | 258      | 98           | 4          | 258      | 1686         | 4           | NULL       | NULL      | 2010-08-24 00:00:00.000 | 2010-08-24 00:00:00.000 | NULL |
| 5          | 5               | 437                   | 1963   | 4          | 259      | 69           | 5          | 259      | 1628         | 5           | NULL       | NULL      | 2020-03-05 00:00:00.000 | 2020-03-14 00:00:00.000 | NULL |
| 6          | 6               | 2814                  | 7240   | 4          | 254      | 43           | 5          | 254      | 1576         | 5           | NULL       | NULL      | 2020-12-02 00:00:00.000 | 2020-12-11 00:00:00.000 | NULL |
| 7          | 7               | 3538                  | 8814   | 4          | 253      | 2            | 2          | 253      | 1494         | 2           | NULL       | NULL      | 2021-02-02 00:00:00.000 | 2021-02-11 00:00:00.000 | NULL |
| 8          | 8               | 618                   | 2378   | 4          | 254      | 54           | 4          | 254      | 1589         | 4           | NULL       | NULL      | 2020-03-19 00:00:00.000 | 2020-03-28 00:00:00.000 | NULL |
| 9          | 9               | 2914                  | 7443   | 4          | 254      | 25           | 4          | 254      | 1540         | 4           | NULL       | NULL      | 2020-12-13 00:00:00.000 | 2020-12-22 00:00:00.000 | NULL |
| 10         | 10              | 1927                  | 5321   | 4          | 251      | 51           | 2          | 251      | 1592         | 2           | NULL       | NULL      | 2020-09-07 00:00:00.000 | 2020-09-16 00:00:00.000 | NULL |
| 11         | 11              | 1388                  | 4149   | 4          | 253      | 49           | 5          | 253      | 1580         | 5           | NULL       | NULL      | 2020-07-09 00:00:00.000 | 2020-07-18 00:00:00.000 | NULL |
| 12         | 12              | 1271                  | 3878   | 4          | 259      | 54           | 4          | 259      | 1580         | 4           | NULL       | NULL      | 2020-06-27 00:00:00.000 | 2020-07-06 00:00:00.000 | NULL |
| 13         | 13              | 3996                  | 9779   | 1          | 261      | 66           | 4          | 261      | 1622         | 4           | NULL       | NULL      | 2021-03-03 00:00:00.000 | 2021-03-12 00:00:00.000 | NULL |
| 14         | 14              | 3765                  | 9287   | 4          | 250      | 50           | 1          | 250      | 1980         | 1           | NULL       | NULL      | 2021-02-28 00:00:00.000 | 2021-03-01 00:00:00.000 | NULL |
| 15         | 15              | 1888                  | 5131   | 4          | 253      | 51           | 2          | 253      | 1580         | 2           | NULL       | NULL      | 2020-09-29 00:00:00.000 | 2020-09-30 00:00:00.000 | NULL |
| 16         | 16              | 1241                  | 3800   | 4          | 259      | 24           | 5          | 259      | 1538         | 5           | NULL       | NULL      | 2020-08-25 00:00:00.000 | 2020-09-04 00:00:00.000 | NULL |
| 17         | 17              | 1684                  | 4784   | 4          | 254      | 18           | 2          | 254      | 1526         | 2           | NULL       | NULL      | 2020-08-19 00:00:00.000 | 2020-08-19 00:00:00.000 | NULL |
| 18         | 18              | 3686                  | 9127   | 4          | 261      | 4            | 4          | 261      | 1498         | 4           | NULL       | NULL      | 2021-02-14 00:00:00.000 | 2021-02-23 00:00:00.000 | NULL |
| 19         | 19              | 2045                  | 5574   | 4          | 257      | 25           | 4          | 257      | 1540         | 4           | NULL       | NULL      | 2020-09-20 00:00:00.000 | 2020-10-01 00:00:00.000 | NULL |
| 20         | 20              | 2477                  | 6475   | 4          | 251      | 47           | 5          | 251      | 1584         | 5           | NULL       | NULL      | 2020-11-03 00:00:00.000 | 2020-11-20 00:00:00.000 | NULL |
| 21         | 21              | 925                   | 3074   | 4          | 257      | 3            | 5          | 257      | 1496         | 5           | NULL       | NULL      | 2020-04-17 00:00:00.000 | 2020-04-26 00:00:00.000 | NULL |
| 22         | 22              | 642                   | 2430   | 4          | 254      | 95           | 5          | 254      | 1680         | 5           | NULL       | NULL      | 2020-03-21 00:00:00.000 | 2020-03-30 00:00:00.000 | NULL |
| 23         | 23              | 1756                  | 4934   | 4          | 261      | 8            | 5          | 261      | 1506         | 5           | NULL       | NULL      | 2020-08-20 00:00:00.000 | 2020-08-29 00:00:00.000 | NULL |
| 24         | 24              | 539                   | 2210   | 4          | 259      | 102          | 1          | 259      | 1694         | 1           | NULL       | NULL      | 2020-03-13 00:00:00.000 | 2020-03-22 00:00:00.000 | NULL |
| 25         | 25              | 562                   | 2255   | 4          | 260      | 48           | 5          | 260      | 1588         | 5           | NULL       | NULL      | 2020-03-14 00:00:00.000 | 2020-03-23 00:00:00.000 | NULL |
| 26         | 26              | 2653                  | 6892   | 4          | 258      | 66           | 5          | 258      | 1622         | 5           | NULL       | NULL      | 2020-11-18 00:00:00.000 | 2020-11-27 00:00:00.000 | NULL |
| 27         | 27              | 2243                  | 1535   | 3          | 261      | 66           | 5          | 261      | 1622         | 5           | NULL       | NULL      | 2020-11-27 00:00:00.000 | 2020-12-05 00:00:00.000 | NULL |
| 28         | 28              | 2768                  | 7137   | 4          | 253      | 9            | 1          | 253      | 1508         | 1           | NULL       | NULL      | 2020-11-29 00:00:00.000 | 2020-12-08 00:00:00.000 | NULL |
| 29         | 29              | 621                   | 2389   | 4          | 251      | 39           | 2          | 251      | 1568         | 2           | NULL       | NULL      | 2020-03-19 00:00:00.000 | 2020-03-28 00:00:00.000 | NULL |
| 30         | 30              | 652                   | 2466   | 4          | 254      | 41           | 1          | 254      | 1572         | 1           | NULL       | NULL      | 2020-03-21 00:00:00.000 | 2020-03-30 00:00:00.000 | NULL |

Query executed successfully.

DESKTOP-5THHSF4 (15.0 RTM) | info7370 (84) | master | 00:00:00 | 1,790 rows

Ready

File Edit View Query Project Tools Window Help

New Query Object Explorer Connect

master Execute SQL Server Object Explorer

SQLQuery3.sql - DES\_ter (info7370 (84)) × SQLQuery1.sql - DES\_t\_3 (info7370 (51))

SELECT \* FROM [AdventureWorksDW\_Part\_3].[dbo].[FCT\_Purchases\_Rejects]

100% Results Messages

| PurchaseSK | PurchaseOrderID | PurchaseOrderDetailID | Status | EmployeeSK | VendorSK | ShipMethodSK | EmployeeID | VendorID | ShipMethodID | OrderDateSK | ShipDateSK | OrderDate | ShipDate                | ProductPurchase         |      |
|------------|-----------------|-----------------------|--------|------------|----------|--------------|------------|----------|--------------|-------------|------------|-----------|-------------------------|-------------------------|------|
| 1          | 1               | 827                   | 2851   | 4          | 257      | 50           | 1          | 257      | 1980         | 1           | NULL       | NULL      | 2020-04-05 00:00:00.000 | 2020-04-05 00:00:00.000 | NULL |
| 2          | 2               | 2023                  | 6605   | 4          | 256      | 38           | 5          | 256      | 1980         | 5           | NULL       | NULL      | 2020-04-05 00:00:00.000 | 2020-04-05 00:00:00.000 | NULL |
| 3          | 3               | 2164                  | 5809   | 4          | 254      | 51           | 2          | 254      | 1982         | 2           | NULL       | NULL      | 2020-10-01 00:00:00.000 | 2020-10-01 00:00:00.000 | NULL |
| 4          | 4               | 11                    | 1139   | 4          | 258      | 98           | 4          | 258      | 1686         | 4           | NULL       | NULL      | 2010-08-24 00:00:00.000 | 2010-08-24 00:00:00.000 | NULL |
| 5          | 5               | 437                   | 1963   | 4          | 259      | 69           | 5          | 259      | 1628         | 5           | NULL       | NULL      | 2020-03-05 00:00:00.000 | 2020-03-14 00:00:00.000 | NULL |
| 6          | 6               | 2814                  | 7240   | 4          | 254      | 43           | 5          | 254      | 1576         | 5           | NULL       | NULL      | 2020-12-02 00:00:00.000 | 2020-12-11 00:00:00.000 | NULL |
| 7          | 7               | 3538                  | 8814   | 4          | 253      | 2            | 2          | 253      | 1494         | 2           | NULL       | NULL      | 2021-02-02 00:00:00.000 | 2021-02-11 00:00:00.000 | NULL |
| 8          | 8               | 618                   | 2378   | 4          | 254      | 54           | 4          | 254      | 1589         | 4           | NULL       | NULL      | 2020-03-19 00:00:00.000 | 2020-03-28 00:00:00.000 | NULL |
| 9          | 9               | 2914                  | 7443   | 4          | 254      | 25           | 4          | 254      | 1540         | 4           | NULL       | NULL      | 2020-12-13 00:00:00.000 | 2020-12-22 00:00:00.000 | NULL |
| 10         | 10              | 1927                  | 5321   | 4          | 251      | 51           | 2          | 251      | 1592         | 2           | NULL       | NULL      | 2020-09-07 00:00:00.000 | 2020-09-16 00:00:00.000 | NULL |
| 11         | 11              | 1388                  | 4149   | 4          | 253      | 49           | 5          | 253      | 1580         | 5           | NULL       | NULL      | 2020-07-09 00:00:00.000 | 2020-07-18 00:00:00.000 | NULL |
| 12         | 12              | 1271                  | 3878   | 4          | 259      | 54           | 4          | 259      | 1580         | 4           | NULL       | NULL      | 2020-06-27 00:00:00.000 | 2020-07-06 00:00:00.000 | NULL |
| 13         | 13              | 3996                  | 9779   | 1          | 261      | 66           | 4          | 261      | 1622         | 4           | NULL       | NULL      | 2021-03-03 00:00:00.000 | 2021-03-12 00:00:00.000 | NULL |
| 14         | 14              | 3765                  | 9287   | 4          | 250      | 50           | 1          | 250      | 1980         | 1           | NULL       | NULL      | 2021-02-28 00:00:00.000 | 2021-03-01 00:00:00.000 | NULL |
| 15         | 15              | 1888                  | 5131   | 4          | 253      | 51           | 2          | 253      | 1580         | 2           | NULL       | NULL      | 2020-09-29 00:00:00.000 | 2020-09-30 00:00:00.000 | NULL |
| 16         | 16              | 1241                  | 3800   | 4          | 259      | 24           | 5          | 259      | 1538         | 5           | NULL       | NULL      | 2020-08-25 00:00:00.000 | 2020-09-04 00:00:00.000 | NULL |
| 17         | 17              | 1684                  | 4784   | 4          | 254      | 18           | 2          | 254      | 1526         | 2           | NULL       | NULL      | 2020-08-19 00:00:00.000 | 2020-08-19 00:00:00.000 | NULL |
| 18         | 18              | 3686                  | 9127   | 4          | 261      | 4            | 4          | 261      | 1498         | 4           | NULL       | NULL      | 2021-02-14 00:00:00.000 | 2021-02-23 00:00:00.000 | NULL |
| 19         | 19              | 2045                  | 5574   | 4          | 257      | 25           | 4          | 257      | 1540         | 4           | NULL       | NULL      | 2020-09-20 00:00:00.000 | 2020-10-01 00:00:00.000 | NULL |
| 20         | 20              | 2477                  | 6475   | 4          | 251      | 47           | 5          | 251      | 1584         | 5           | NULL       | NULL      | 2020-11-03 00:00:00.000 | 2020-11-20 00:00:00.000 | NULL |
| 21         | 21              | 925                   | 3074   | 4          | 257      | 3            | 5          | 257      | 1496         | 5           | NULL       | NULL      | 2020-04-17 00:00:00.000 | 2020-04-26 00:00:00.000 | NULL |
| 22         | 22              | 642                   | 2430   | 4          | 254      | 95           | 5          | 254      | 1680         | 5           | NULL       | NULL      | 2020-03-21 00:00:00.000 | 2020-03-30 00:00:00.000 | NULL |
| 23         | 23              | 1756                  | 4934   | 4          | 261      | 8            | 5          | 261      | 1506         | 5           | NULL       | NULL      | 2020-08-20 00:00:00.000 | 2020-08-29 00:00:00.000 | NULL |
| 24         | 24              | 539                   | 2210   | 4          | 259      | 102          | 1          | 259      | 1694         | 1           | NULL       | NULL      | 2020-03-13 00:00:00.000 | 2020-03-22 00:00:00.000 | NULL |
| 25         | 25              | 562                   | 2255   | 4          | 260      | 48           | 5          | 260      | 1588         | 5           | NULL       | NULL      | 2020-03-14 00:00:00.000 | 2020-03-23 00:00:00.000 | NULL |
| 26         | 26              | 2653                  | 6892   | 4          | 258      | 66           | 5          | 258      | 1622         | 5           | NULL       | NULL      | 2020-11-18 00:00:00.000 | 2020-11-27 00:00:00.000 | NULL |
| 27         | 27              | 2243                  | 1535   | 3          | 261      | 66           | 5          | 261      | 1622         | 5           | NULL       | NULL      | 2020-11-27 00:00:00.000 | 2020-12-05 00:00:00.000 | NULL |
| 28         | 28              | 2768                  | 7137   | 4          | 253      | 9            | 1          | 253      | 1508         | 1           | NULL       | NULL      | 2020-11-29 00:00:00.000 | 2020-12-08 00:00:00.000 | NULL |
| 29         | 29              | 621                   | 2389   | 4          | 251      | 39           | 2          | 251      | 1568         | 2           | NULL       | NULL      | 2020-03-19 00:00:00.000 | 2020-03-28 00:00:00.000 | NULL |
| 30         | 30              | 652                   | 2466   | 4          | 254      | 41           | 1          | 254      | 1572         | 1           | NULL       | NULL      | 2020-03-21 00:00:00.000 | 2020-03-30 00:00:00.000 | NULL |

Query executed successfully.

DESKTOP-5THHSF4 (15.0 RTM) | info7370 (84) | master | 00:00:00 | 1,790 rows

Ready

File Edit View Query Project Tools Window Help

New Query Object Explorer Connect

master Execute SQL Server Object Explorer

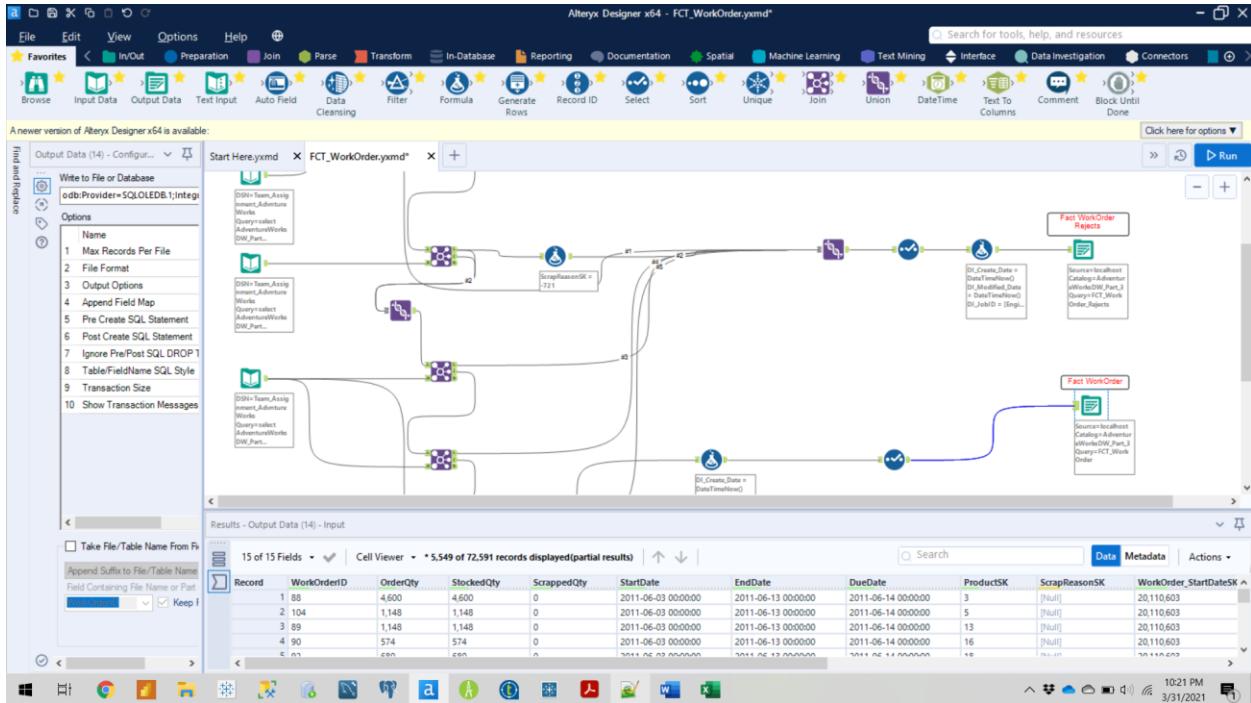
SQLQuery3.sql - DES\_ter (info7370 (84)) × SQLQuery1.sql - DES\_t\_3 (info7370 (51))

SELECT \* FROM [AdventureWorksDW\_Part\_3].[dbo].[FCT\_Purchases\_Rejects]

100% Results Messages

| PurchaseSK | PurchaseOrderID | PurchaseOrderDetailID | Status | EmployeeSK | VendorSK | ShipMethodSK | EmployeeID | VendorID | ShipMethodID | OrderDateSK | ShipDateSK | OrderDate | ShipDate                | ProductPurchase         |      |
|------------|-----------------|-----------------------|--------|------------|----------|--------------|------------|----------|--------------|-------------|------------|-----------|-------------------------|-------------------------|------|
| 1          | 1               | 827                   | 2851   | 4          | 257      | 50           | 1          | 257      | 1980         | 1           | NULL       | NULL      | 2020-04-05 00:00:00.000 | 2020-04-05 00:00:00.000 | NULL |
| 2          | 2               | 2023                  | 6605   | 4          | 256      | 38           | 5          | 256      | 1980         | 5           | NULL       | NULL      | 2020-04-05 00:00:00.000 | 2020-04-05 00:00:00.000 | NULL |
| 3          | 3               | 2164                  | 5809   | 4          | 254      | 51           | 2          | 254      | 1982         | 2           | NULL       | NULL      | 2020-10-01 00:00:00.000 | 2020-10-01 00:00:00.000 | NULL |
| 4          | 4               | 11                    | 1139   | 4          | 258      | 98           | 4          | 258      | 1686         | 4           | NULL       | NULL      | 2010-08-24 00:00:00.000 | 2010-08-24 00:00:00.000 | NULL |
| 5          | 5               | 437                   | 1963   | 4          | 259      | 69           | 5          | 259      | 1628         | 5           | NULL       | NULL      | 2020-03-05 00:00:00.000 | 2020-03-14 00:00:00.000 | NULL |
| 6          | 6               | 2814                  | 7240   | 4          | 254      | 43           | 5          | 254      | 1576         | 5           | NULL       | NULL      | 2020-12-02 00:00:00.000 | 2020-12-11 00:00:00.000 | NULL |
| 7          | 7               | 3538                  | 8814   | 4          | 253      | 2            | 2          | 253      | 1494         | 2           | NULL       | NULL      | 2021-02-02 00:00:00.000 | 2021-02-11 00:00:00.000 | NULL |
| 8          | 8               | 618                   | 2378   | 4          | 254      | 54           | 4          | 254      | 1589         | 4           | NULL       | NULL      | 2020-03-19 00:00:00.000 | 2020-03-28 00:00:00.000 | NULL |
| 9          | 9               | 2914                  | 7443   | 4          | 254      | 25           | 4          | 254      | 1540         | 4           | NULL       | NULL      | 2020-12-13 00:00:00.000 | 2020-12-22 00:00:00.000 | NULL |
| 10         | 10              | 1927                  | 5321   | 4          | 251      | 51           | 2          | 251      | 1592         | 2           | NULL       | NULL      | 2020-09-07 00:00:00.000 | 2020-09-16 00:00:00.000 | NULL |
| 11         | 11              | 1388                  | 4149   | 4          | 253      | 49           | 5          | 253      | 1580         | 5           | NULL       | NULL      | 2020-07-09 00:00:00.000 | 2020-07-18 00:00:00.000 | NULL |
| 12         | 12              | 1271                  | 3878   | 4          | 259      | 54           | 4          | 259      | 1580         | 4           | NULL       | NULL      | 2020-06-27 00:00:00.000 | 2020-07-06 00:00:00.000 | NULL |
| 13         | 13              | 3996                  | 9779   | 1          |          |              |            |          |              |             |            |           |                         |                         |      |

## FCT\_WorkOrder & FCT\_WorkOrder\_Reject:

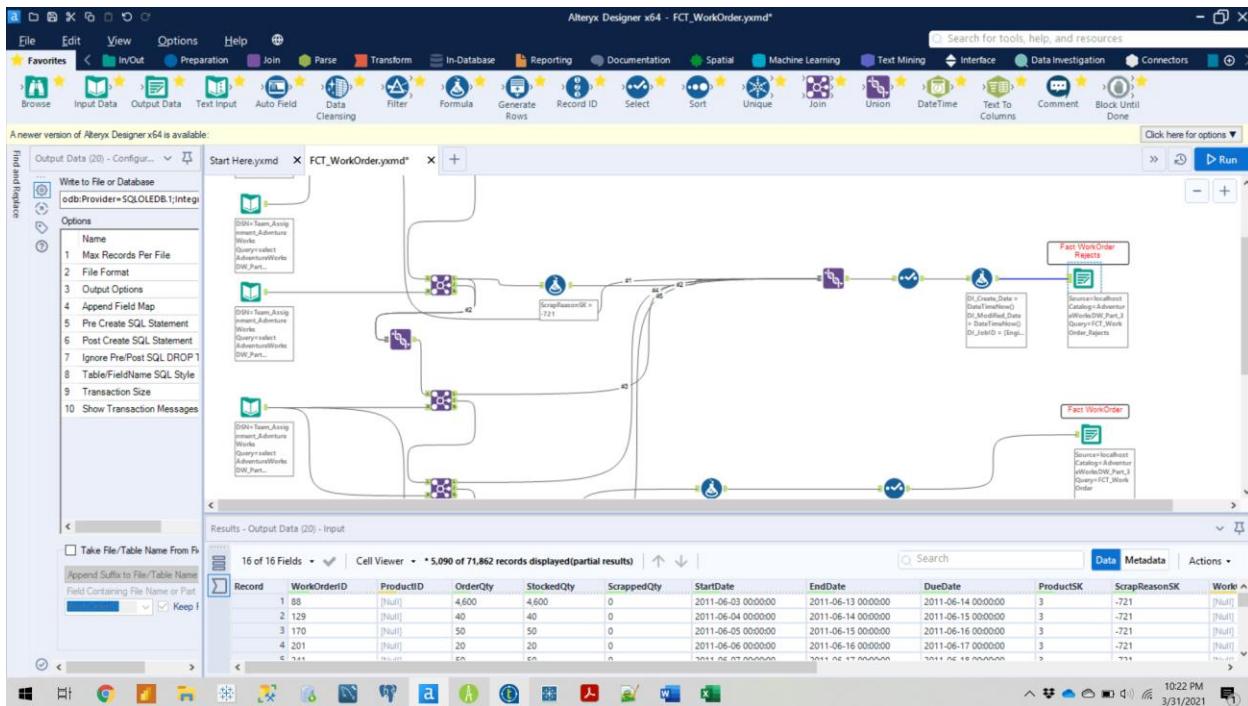


The screenshot shows the Microsoft SQL Server Management Studio (SSMS) interface with the following details:

- File Explorer:** Shows the database structure, including tables like GraphTables, dbo.DIM\_address, dbo.DIM\_creditcard, etc., and views like dbo.FCT\_InternetSales.
- Object Explorer:** Shows the database structure, including tables like GraphTables, dbo.DIM\_address, dbo.DIM\_creditcard, etc., and views like dbo.FCT\_InternetSales.
- Query Editor:** Contains the following SQL script:

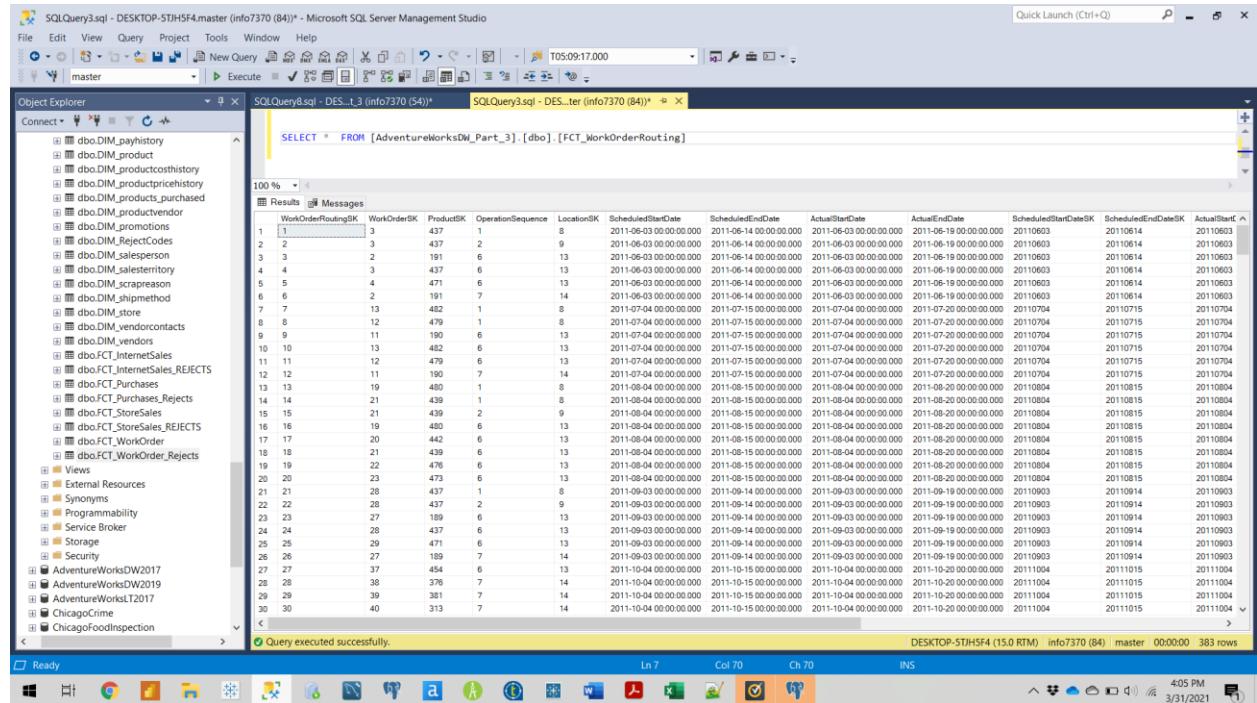
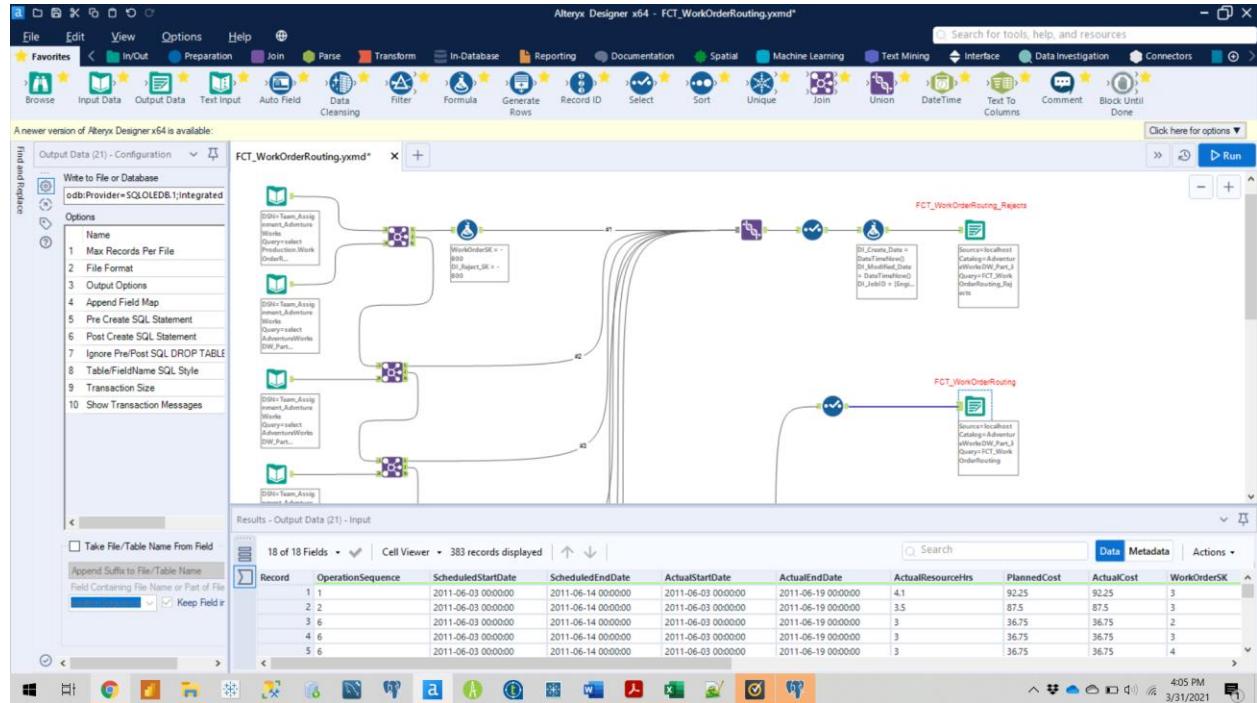
```
select * from dbo.FCT_WorkOrder
```
- Results:** Displays the query results in a grid format. The columns are: WorkOrderSK, WorkOrderID, ProductSK, OrderQty, StockedQty, ScrappedQty, WorkOrder\_StartDateSK, WorkOrder\_EndDateSK, WorkOrder\_DueDateSK, StartDate, EndDate, DueDate. The results show 72,591 rows of data.
- Status Bar:** Shows the message "Query executed successfully." and the system information "DESKTOP-STJH5F4 (15.0 RTM) - info7370 (64) - AdventureWorksDW\_Part\_3 (000001 72,591 rows)".

## Reject:

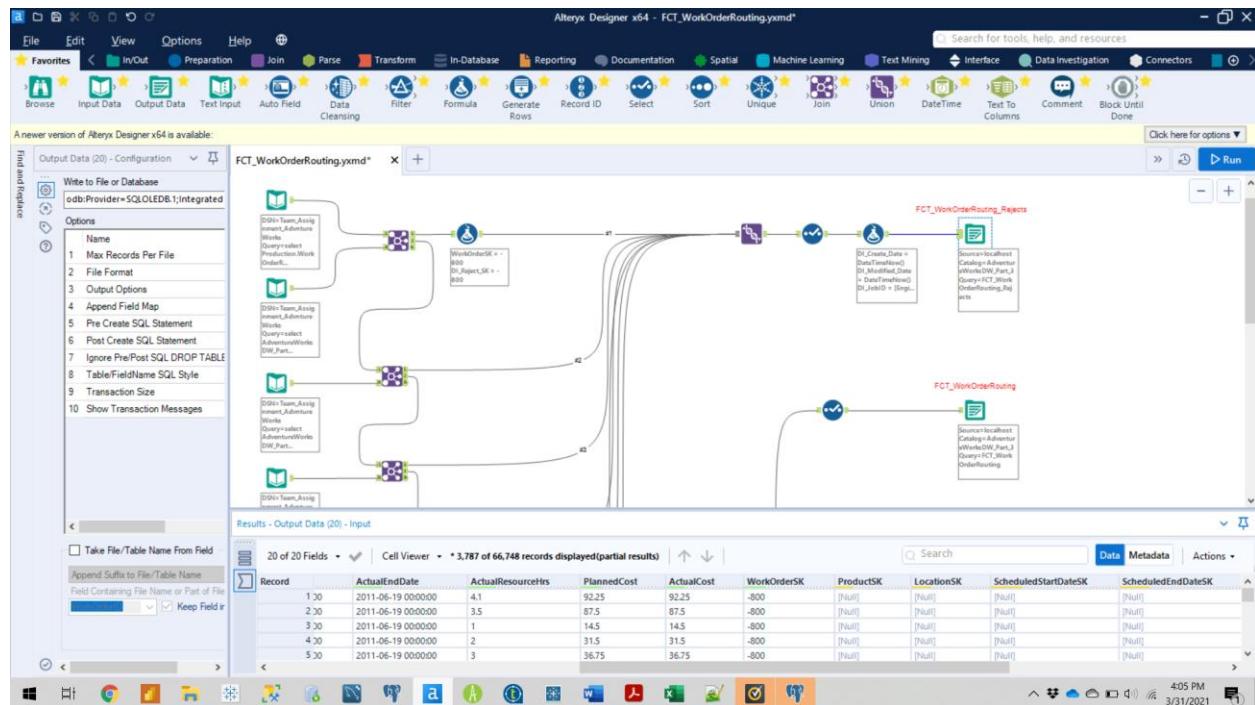


| Record | WorkOrderID | ProductID | OrderQty | StockedQty | ScrappedQty | StartDate           | EndDate             | DueDate             | ProductSK | ScrapReasonSK | WorkOrderRoutingSK |
|--------|-------------|-----------|----------|------------|-------------|---------------------|---------------------|---------------------|-----------|---------------|--------------------|
| 1      | 88          | [null]    | 4,600    | 4,600      | 0           | 2011-06-03 00:00:00 | 2011-06-13 00:00:00 | 2011-06-14 00:00:00 | 3         | -721          | [null]             |
| 2      | 129         | [null]    | 40       | 40         | 0           | 2011-06-04 00:00:00 | 2011-06-15 00:00:00 | 2011-06-16 00:00:00 | 3         | -721          | [null]             |
| 3      | 170         | [null]    | 50       | 50         | 0           | 2011-06-05 00:00:00 | 2011-06-15 00:00:00 | 2011-06-16 00:00:00 | 3         | -721          | [null]             |
| 4      | 201         | [null]    | 20       | 20         | 0           | 2011-06-06 00:00:00 | 2011-06-16 00:00:00 | 2011-06-17 00:00:00 | 3         | -721          | [null]             |
| 5      | 311         | EX        | X        | X          | X           | 2011-06-24 00:00:00 | 2011-06-24 00:00:00 | 2011-06-24 00:00:00 | 5         | -721          | [null]             |

## FCT\_WorkOrder\_Routing & FCT\_WorkOrder\_Routing\_Rejects :



## Rejects :



```

SELECT * FROM [AdventureWorksDW_Part_3].[dbo].[FCT_WorkOrderRouting_Rejects]

```

| RejectWorkOrderRoutingSK | WorkOrderSK | ProductSK | OperationSequence | LocationSK | ScheduledStartDate  | ScheduledEndDate    | ActualStartDate     | ActualEndDate       | ScheduledStartDateSK | ScheduledEndDateSK | ActualStartDateSK | ActualEndDateSK |
|--------------------------|-------------|-----------|-------------------|------------|---------------------|---------------------|---------------------|---------------------|----------------------|--------------------|-------------------|-----------------|
| 1                        | -800        | NULL      | 1                 | NULL       | 2011-06-03 00:00:00 | 2011-06-14 00:00:00 | 2011-06-03 00:00:00 | 2011-06-19 00:00:00 | NULL                 | NULL               | NULL              | NULL            |
| 2                        | -800        | NULL      | 2                 | NULL       | 2011-06-03 00:00:00 | 2011-06-14 00:00:00 | 2011-06-03 00:00:00 | 2011-06-19 00:00:00 | NULL                 | NULL               | NULL              | NULL            |
| 3                        | -800        | NULL      | 3                 | NULL       | 2011-06-03 00:00:00 | 2011-06-16 00:00:00 | 2011-06-03 00:00:00 | 2011-06-19 00:00:00 | NULL                 | NULL               | NULL              | NULL            |
| 4                        | -800        | NULL      | 4                 | NULL       | 2011-06-03 00:00:00 | 2011-06-16 00:00:00 | 2011-06-03 00:00:00 | 2011-06-19 00:00:00 | NULL                 | NULL               | NULL              | NULL            |
| 5                        | -800        | NULL      | 6                 | NULL       | 2011-06-03 00:00:00 | 2011-06-14 00:00:00 | 2011-06-03 00:00:00 | 2011-06-19 00:00:00 | NULL                 | NULL               | NULL              | NULL            |
| 6                        | -800        | NULL      | 7                 | NULL       | 2011-06-03 00:00:00 | 2011-06-14 00:00:00 | 2011-06-03 00:00:00 | 2011-06-19 00:00:00 | NULL                 | NULL               | NULL              | NULL            |
| 7                        | -800        | NULL      | 1                 | NULL       | 2011-06-03 00:00:00 | 2011-06-14 00:00:00 | 2011-06-03 00:00:00 | 2011-06-19 00:00:00 | NULL                 | NULL               | NULL              | NULL            |
| 8                        | -800        | NULL      | 2                 | NULL       | 2011-06-03 00:00:00 | 2011-06-14 00:00:00 | 2011-06-03 00:00:00 | 2011-06-19 00:00:00 | NULL                 | NULL               | NULL              | NULL            |
| 9                        | -800        | NULL      | 3                 | NULL       | 2011-06-03 00:00:00 | 2011-06-14 00:00:00 | 2011-06-03 00:00:00 | 2011-06-19 00:00:00 | NULL                 | NULL               | NULL              | NULL            |
| 10                       | -800        | NULL      | 5                 | NULL       | 2011-06-03 00:00:00 | 2011-06-14 00:00:00 | 2011-06-03 00:00:00 | 2011-06-19 00:00:00 | NULL                 | NULL               | NULL              | NULL            |
| 11                       | -800        | NULL      | 6                 | NULL       | 2011-06-03 00:00:00 | 2011-06-14 00:00:00 | 2011-06-03 00:00:00 | 2011-06-19 00:00:00 | NULL                 | NULL               | NULL              | NULL            |
| 12                       | -800        | NULL      | 7                 | NULL       | 2011-06-03 00:00:00 | 2011-06-14 00:00:00 | 2011-06-03 00:00:00 | 2011-06-19 00:00:00 | NULL                 | NULL               | NULL              | NULL            |
| 13                       | -800        | NULL      | 7                 | NULL       | 2011-06-03 00:00:00 | 2011-06-14 00:00:00 | 2011-06-03 00:00:00 | 2011-06-19 00:00:00 | NULL                 | NULL               | NULL              | NULL            |
| 14                       | -800        | NULL      | 7                 | NULL       | 2011-06-03 00:00:00 | 2011-06-14 00:00:00 | 2011-06-03 00:00:00 | 2011-06-19 00:00:00 | NULL                 | NULL               | NULL              | NULL            |
| 15                       | -800        | NULL      | 7                 | NULL       | 2011-06-03 00:00:00 | 2011-06-14 00:00:00 | 2011-06-03 00:00:00 | 2011-06-19 00:00:00 | NULL                 | NULL               | NULL              | NULL            |
| 16                       | -800        | NULL      | 7                 | NULL       | 2011-06-03 00:00:00 | 2011-06-14 00:00:00 | 2011-06-03 00:00:00 | 2011-06-19 00:00:00 | NULL                 | NULL               | NULL              | NULL            |
| 17                       | -800        | NULL      | 7                 | NULL       | 2011-06-03 00:00:00 | 2011-06-14 00:00:00 | 2011-06-03 00:00:00 | 2011-06-19 00:00:00 | NULL                 | NULL               | NULL              | NULL            |
| 18                       | -800        | NULL      | 7                 | NULL       | 2011-06-03 00:00:00 | 2011-06-14 00:00:00 | 2011-06-03 00:00:00 | 2011-06-19 00:00:00 | NULL                 | NULL               | NULL              | NULL            |
| 19                       | -800        | NULL      | 7                 | NULL       | 2011-06-03 00:00:00 | 2011-06-14 00:00:00 | 2011-06-03 00:00:00 | 2011-06-19 00:00:00 | NULL                 | NULL               | NULL              | NULL            |
| 20                       | -800        | NULL      | 7                 | NULL       | 2011-06-03 00:00:00 | 2011-06-14 00:00:00 | 2011-06-03 00:00:00 | 2011-06-19 00:00:00 | NULL                 | NULL               | NULL              | NULL            |
| 21                       | -800        | NULL      | 7                 | NULL       | 2011-06-03 00:00:00 | 2011-06-14 00:00:00 | 2011-06-03 00:00:00 | 2011-06-19 00:00:00 | NULL                 | NULL               | NULL              | NULL            |
| 22                       | -800        | NULL      | 7                 | NULL       | 2011-06-03 00:00:00 | 2011-06-14 00:00:00 | 2011-06-03 00:00:00 | 2011-06-19 00:00:00 | NULL                 | NULL               | NULL              | NULL            |
| 23                       | -800        | NULL      | 7                 | NULL       | 2011-06-03 00:00:00 | 2011-06-14 00:00:00 | 2011-06-03 00:00:00 | 2011-06-19 00:00:00 | NULL                 | NULL               | NULL              | NULL            |
| 24                       | -800        | NULL      | 7                 | NULL       | 2011-06-03 00:00:00 | 2011-06-14 00:00:00 | 2011-06-03 00:00:00 | 2011-06-19 00:00:00 | NULL                 | NULL               | NULL              | NULL            |
| 25                       | -800        | NULL      | 7                 | NULL       | 2011-06-03 00:00:00 | 2011-06-14 00:00:00 | 2011-06-03 00:00:00 | 2011-06-19 00:00:00 | NULL                 | NULL               | NULL              | NULL            |
| 26                       | -800        | NULL      | 7                 | NULL       | 2011-06-03 00:00:00 | 2011-06-14 00:00:00 | 2011-06-03 00:00:00 | 2011-06-19 00:00:00 | NULL                 | NULL               | NULL              | NULL            |
| 27                       | -800        | NULL      | 7                 | NULL       | 2011-06-03 00:00:00 | 2011-06-14 00:00:00 | 2011-06-03 00:00:00 | 2011-06-19 00:00:00 | NULL                 | NULL               | NULL              | NULL            |
| 28                       | -800        | NULL      | 7                 | NULL       | 2011-06-03 00:00:00 | 2011-06-14 00:00:00 | 2011-06-03 00:00:00 | 2011-06-19 00:00:00 | NULL                 | NULL               | NULL              | NULL            |
| 29                       | -800        | NULL      | 7                 | NULL       | 2011-06-03 00:00:00 | 2011-06-14 00:00:00 | 2011-06-03 00:00:00 | 2011-06-19 00:00:00 | NULL                 | NULL               | NULL              | NULL            |
| 30                       | -800        | NULL      | 7                 | NULL       | 2011-06-03 00:00:00 | 2011-06-14 00:00:00 | 2011-06-03 00:00:00 | 2011-06-19 00:00:00 | NULL                 | NULL               | NULL              | NULL            |

