

TEAM '15'

DATA INTEGRATION PROJECT

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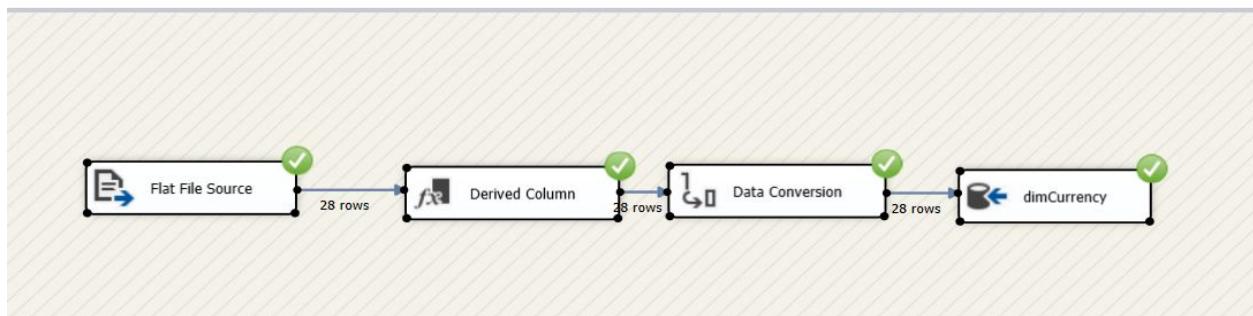
1) Loading DimCurrency

- Tables used

- DimCurrency.csv

No of row count (SSIS / Talend): 28

SSIS Data Flow

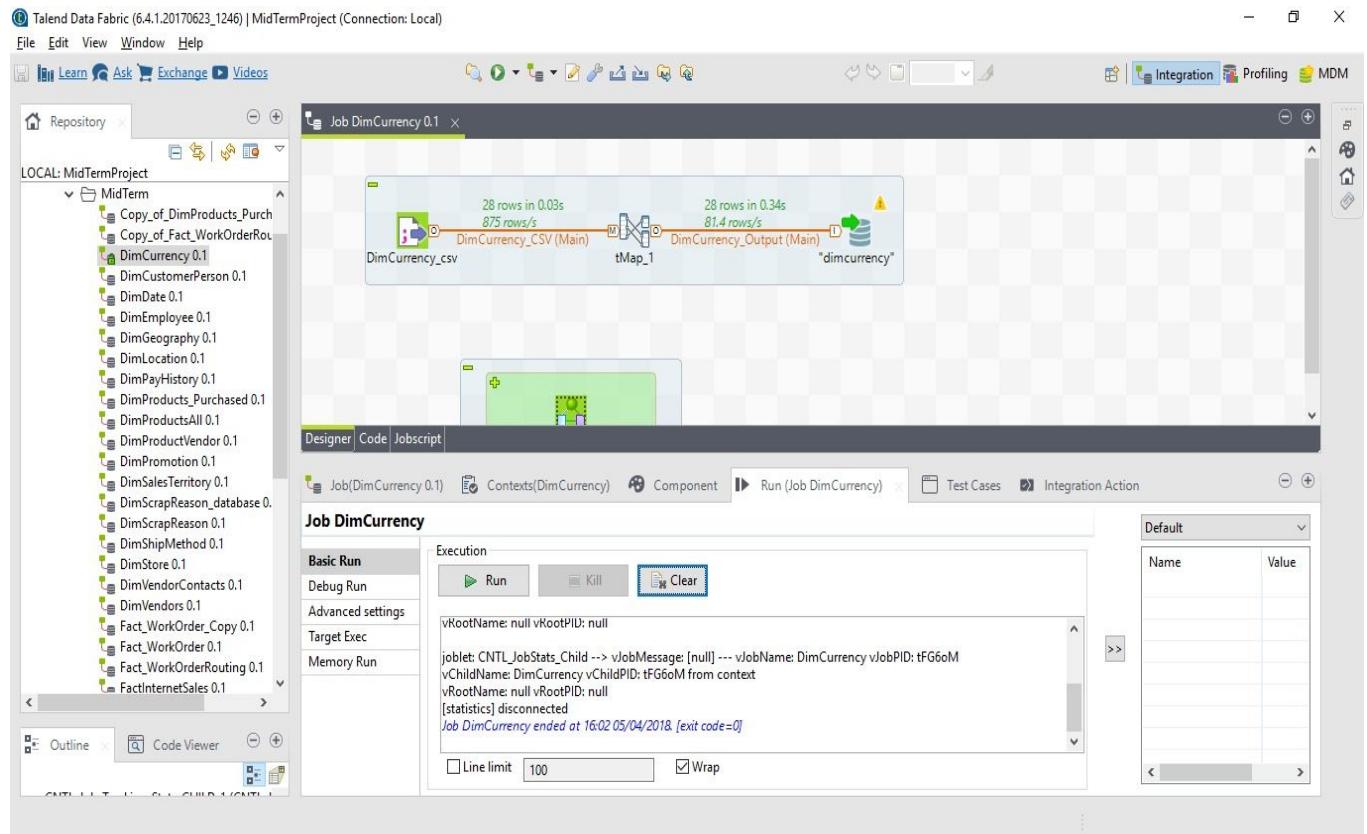


The screenshot shows the SSIS Results window displaying the data loaded into the DimCurrency table. The results grid contains 13 rows of data, each representing a currency with its unique key, alternate key, name, and associated metadata. The columns are labeled: CurrencySK, CurrencyAlternateSK, CurrencyName, SOR_ID, SOR_LoadDate, SOR_UpdateDate, and DI_Job_ID.

	CurrencySK	CurrencyAlternateSK	CurrencyName	SOR_ID	SOR_LoadDate	SOR_UpdateDate	DI_Job_ID
1	1	1	USD	1	2018-04-05 16:57:05.506	2018-04-05 16:57:05.506	{9575418F-47BB-46B7-A0F}
2	2	2	AMD	1	2018-04-05 16:57:05.506	2018-04-05 16:57:05.506	{9575418F-47BB-46B7-A0F}
3	3	3	AUD	1	2018-04-05 16:57:05.506	2018-04-05 16:57:05.506	{9575418F-47BB-46B7-A0F}
4	4	4	THB	1	2018-04-05 16:57:05.506	2018-04-05 16:57:05.506	{9575418F-47BB-46B7-A0F}
5	5	5	CAD	1	2018-04-05 16:57:05.506	2018-04-05 16:57:05.506	{9575418F-47BB-46B7-A0F}
6	6	6	DKK	1	2018-04-05 16:57:05.506	2018-04-05 16:57:05.506	{9575418F-47BB-46B7-A0F}
7	7	7	EUR	1	2018-04-05 16:57:05.506	2018-04-05 16:57:05.506	{9575418F-47BB-46B7-A0F}
8	8	8	HKD	1	2018-04-05 16:57:05.506	2018-04-05 16:57:05.506	{9575418F-47BB-46B7-A0F}
9	9	9	INR	1	2018-04-05 16:57:05.506	2018-04-05 16:57:05.506	{9575418F-47BB-46B7-A0F}
10	10	10	ROL	1	2018-04-05 16:57:05.506	2018-04-05 16:57:05.506	{9575418F-47BB-46B7-A0F}
11	11	11	MTL	1	2018-04-05 16:57:05.506	2018-04-05 16:57:05.506	{9575418F-47BB-46B7-A0F}
12	12	12	TWD	1	2018-04-05 16:57:05.506	2018-04-05 16:57:05.506	{9575418F-47BB-46B7-A0F}
13	13	13	BTN	1	2018-04-05 16:57:05.506	2018-04-05 16:57:05.506	{9575418F-47BB-46B7-A0F}

Query executed successfully. | localhost (14.0 RTM) | DESKTOP-9HLGMMT\ Dawn (66) | AdventureworksDW_neu | 00:00:00 | 28 rows

Talend Data Flow



Talend Output:

MySQL Workbench

localhost

File | Edit | View | Query | Database | Server | Tools | Scripting | Help

Navigator

SCHEMAS

adventureworks2016_eu
adventureworksdw_neu
adventureworksdw_neu_1
Tables
Views
Stored Procedures
Functions
chinook
chinook_dw
chinookdm
neu_newshop
neu_workshops
sakila
school
sys
test
world

SQL File 1* | SQL File 3* | SQL File 4* | SQL File 5* | SQL File 6* | SQL File 7* | SQL File 8*

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: |

CurrencySK	CurrencyAlternateSK	CurrencyName	SOR_ID	SOR_LoadDate	SOR_UpdateDate	DI_Job_ID	DI_Create
1	1	USD	2	2018-04-05 05:21:28.427	2018-04-05 05:21:28.427	YAvvID	2018-04-0
2	2	AMD	2	2018-04-05 05:21:28.443	2018-04-05 05:21:28.443	YAvvID	2018-04-0
3	3	AUD	2	2018-04-05 05:21:28.443	2018-04-05 05:21:28.443	YAvvID	2018-04-0
4	4	THB	2	2018-04-05 05:21:28.443	2018-04-05 05:21:28.443	YAvvID	2018-04-0
5	5	CAD	2	2018-04-05 05:21:28.443	2018-04-05 05:21:28.443	YAvvID	2018-04-0
6	6	DKK	2	2018-04-05 05:21:28.443	2018-04-05 05:21:28.443	YAvvID	2018-04-0
7	7	EUR	2	2018-04-05 05:21:28.443	2018-04-05 05:21:28.443	YAvvID	2018-04-0
8	8	HKD	2	2018-04-05 05:21:28.443	2018-04-05 05:21:28.443	YAvvID	2018-04-0
9	9	INR	2	2018-04-05 05:21:28.443	2018-04-05 05:21:28.443	YAvvID	2018-04-0
10	10	ROL	2	2018-04-05 05:21:28.443	2018-04-05 05:21:28.443	YAvvID	2018-04-0
11	11	MTL	2	2018-04-05 05:21:28.443	2018-04-05 05:21:28.443	YAvvID	2018-04-0
12	12	TWD	2	2018-04-05 05:21:28.443	2018-04-05 05:21:28.443	YAvvID	2018-04-0

dimcurrency 1

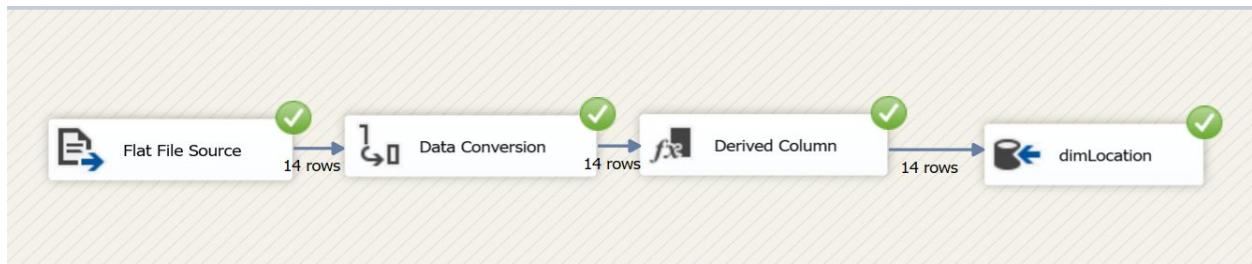
Action Output

#	Time	Action	Message	Duration / Fetch
3	14:30:03	TRUNCATE table fact_workorder	0 row(s) affected	0.016 sec
4	14:30:03	TRUNCATE table fact_workorder_rejects	0 row(s) affected	0.015 sec
5	14:49:59	use adventureworksdw_neu_1	0 row(s) affected	0.000 sec
6	14:49:59	select *from dimcurrency	28 row(s) returned	0.015 sec / 0.000 sec

2) Loading DimLocation

- Tables used
 - 1. Location.csv
- No of row count (SSIS / Talend): 14

SSIS Data Flow

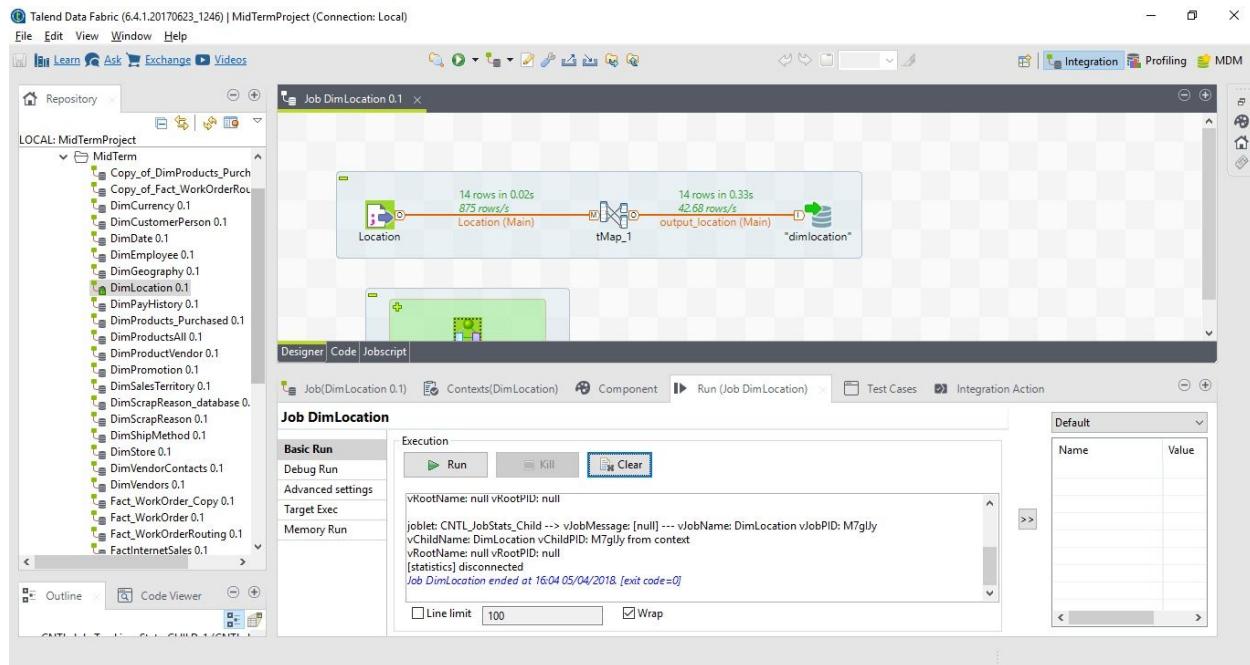


SSIS Output:

	LocationSK	LocationID	LocationName	CostRate	Availability	ModifiedDate	SOR_ID	SOR_LoadDate	SC
1	1	1	Tool Crib	0.00	0.00	2008-04-30 00:00:00.000	1	2018-04-05 19:40:40.980	21
2	2	2	Sheet Metal Racks	0.00	0.00	2008-04-30 00:00:00.000	1	2018-04-05 19:40:40.980	21
3	3	3	Paint Shop	0.00	0.00	2008-04-30 00:00:00.000	1	2018-04-05 19:40:40.980	21
4	4	4	Paint Storage	0.00	0.00	2008-04-30 00:00:00.000	1	2018-04-05 19:40:40.980	21
5	5	5	Metal Storage	0.00	0.00	2008-04-30 00:00:00.000	1	2018-04-05 19:40:40.980	21
6	6	6	Miscellaneous Storage	0.00	0.00	2008-04-30 00:00:00.000	1	2018-04-05 19:40:40.980	21
7	7	7	Finished Goods Storage	0.00	0.00	2008-04-30 00:00:00.000	1	2018-04-05 19:40:40.980	21
8	8	10	Frame Forming	22.50	96.00	2008-04-30 00:00:00.000	1	2018-04-05 19:40:40.980	21
9	9	20	Frame Welding	25.00	108.00	2008-04-30 00:00:00.000	1	2018-04-05 19:40:40.980	21
10	10	30	Debur and Polish	14.50	120.00	2008-04-30 00:00:00.000	1	2018-04-05 19:40:40.980	21
11	11	40	Paint	15.75	120.00	2008-04-30 00:00:00.000	1	2018-04-05 19:40:40.980	21
12	12	45	Specialized Paint	18.00	80.00	2008-04-30 00:00:00.000	1	2018-04-05 19:40:40.980	21
13	13	50	Subassembly	12.25	120.00	2008-04-30 00:00:00.000	1	2018-04-05 19:40:40.980	21

Query executed successfully. | localhost (14.0 RTM) | DESKTOP-9HLGMTT\Dawn (69) | AdventureworksDW_neu | 00:00:00 | 14 rows

Talend Data Flow



Talend Output:

The screenshot shows a database query tool with a SQL editor and a result grid. The SQL query is:

```

SELECT * FROM adventureworksdw_neu.dimcurrency;
use adventureworksdw_neu;
SET FOREIGN_KEY_CHECKS = 0;
TRUNCATE table dimlocation;
SET FOREIGN_KEY_CHECKS = 1;
* dimlocation

```

The result grid displays 14 rows of data from the 'dimlocation' table:

LocationSK	LocationID	LocationName	CostRate	Availability	ModifiedDate	SOR_ID	SOR_LoadDate	SOR_UpdatedDate	DI_Job_ID	DI_Create_Date
1	1	Tool Crib	0.00	0.00	2008-04-30 00:00:00	2	2018-04-05 01:29:28	2018-04-05 01:29:28	8bkvba	2018-04-05 01:29:28
2	2	Sheet Metal Racks	0.00	0.00	2008-04-30 00:00:00	2	2018-04-05 01:29:28	2018-04-05 01:29:28	8bkvba	2018-04-05 01:29:28
3	3	Paint Shop	0.00	0.00	2008-04-30 00:00:00	2	2018-04-05 01:29:28	2018-04-05 01:29:28	8bkvba	2018-04-05 01:29:28
4	4	Paint Storage	0.00	0.00	2008-04-30 00:00:00	2	2018-04-05 01:29:28	2018-04-05 01:29:28	8bkvba	2018-04-05 01:29:28
5	5	Metal Storage	0.00	0.00	2008-04-30 00:00:00	2	2018-04-05 01:29:28	2018-04-05 01:29:28	8bkvba	2018-04-05 01:29:28
6	6	Miscellaneous Storage	0.00	0.00	2008-04-30 00:00:00	2	2018-04-05 01:29:28	2018-04-05 01:29:28	8bkvba	2018-04-05 01:29:28
7	7	Finished Goods Storage	0.00	0.00	2008-04-30 00:00:00	2	2018-04-05 01:29:28	2018-04-05 01:29:28	8bkvba	2018-04-05 01:29:28
8	10	Frame Forming	22.50	96.00	2008-04-30 00:00:00	2	2018-04-05 01:29:28	2018-04-05 01:29:28	8bkvba	2018-04-05 01:29:28
9	20	Frame Welding	25.00	108.00	2008-04-30 00:00:00	2	2018-04-05 01:29:28	2018-04-05 01:29:28	8bkvba	2018-04-05 01:29:28
10	30	Debur and Polish	14.50	120.00	2008-04-30 00:00:00	2	2018-04-05 01:29:28	2018-04-05 01:29:28	8bkvba	2018-04-05 01:29:28
11	40	Paint	15.75	120.00	2008-04-30 00:00:00	2	2018-04-05 01:29:28	2018-04-05 01:29:28	8bkvba	2018-04-05 01:29:28
12	45	Specialized Paint	18.00	80.00	2008-04-30 00:00:00	2	2018-04-05 01:29:28	2018-04-05 01:29:28	8bkvba	2018-04-05 01:29:28
13	50	Subassembly	12.25	120.00	2008-04-30 00:00:00	2	2018-04-05 01:29:28	2018-04-05 01:29:28	8bkvba	2018-04-05 01:29:28
14	60	Final Assembly	12.25	120.00	2008-04-30 00:00:00	2	2018-04-05 01:29:28	2018-04-05 01:29:28	8bkvba	2018-04-05 01:29:28

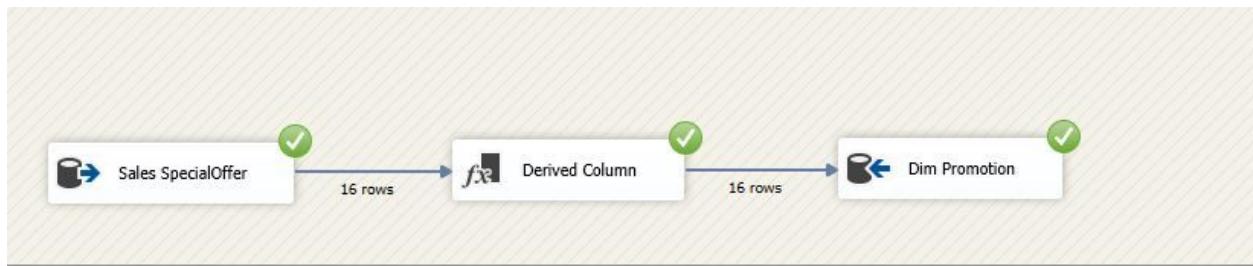
The screenshot shows a command-line interface with the following session details:

- Session: dimlocation 16
- Output: Action Output
- Action: select * from dimlocation LIMIT 0, 1000
- Time: 01:32:07
- Message: 14 row(s) returned

3) Loading DimPromotion

- Tables used
 - 1. SpecialOffer
- No of row count (SSIS / Talend): 16

SSIS Data Flow



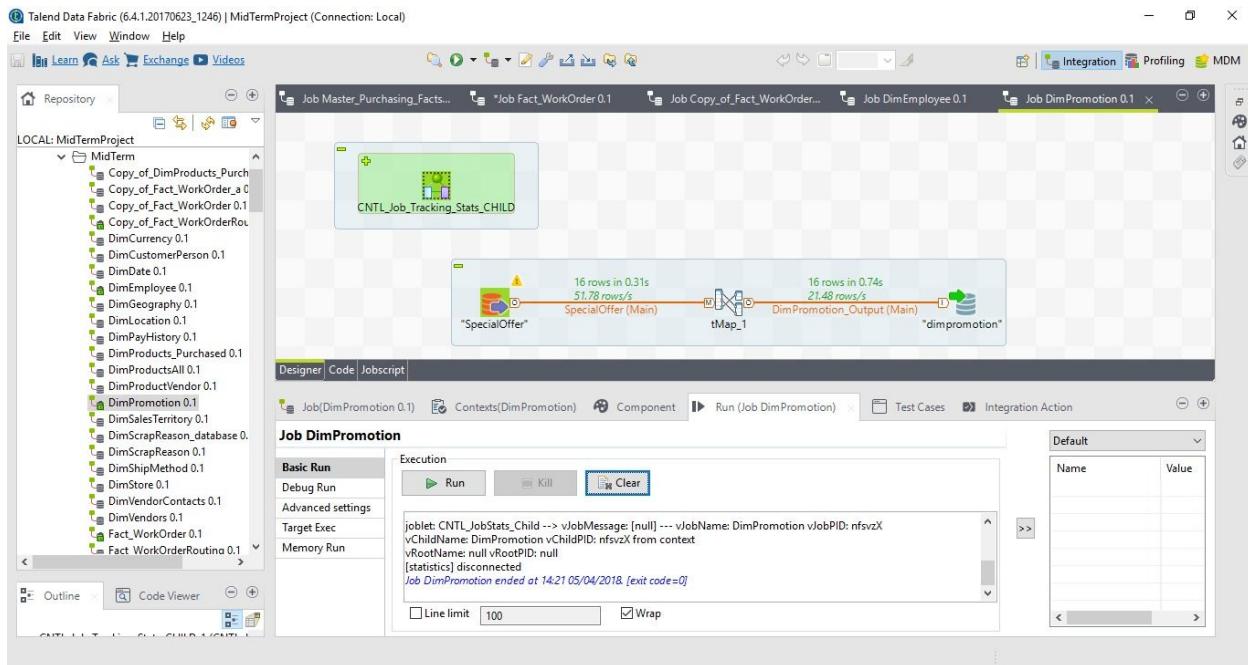
SSIS Output:

The screenshot shows the SSIS Output window with the 'Results' tab selected. It displays a table with 16 rows of data from the DimPromotion load. The columns are: PromotionSK, PromotionAlternateSK, PromotionName, PromotionDiscountPct, PromotionType, and PromotionCategory. The data includes various promotional offers like 'No Discount', 'Volume Discount 11 to 14', and 'Mountain-100 Clearance Sale'.

	PromotionSK	PromotionAlternateSK	PromotionName	PromotionDiscountPct	PromotionType	PromotionCategory
1	1	1	No Discount	0	No Discount	No Discount
2	2	2	Volume Discount 11 to 14	0.02	Volume Discount	Reseller
3	3	3	Volume Discount 15 to 24	0.05	Volume Discount	Reseller
4	4	4	Volume Discount 25 to 40	0.1	Volume Discount	Reseller
5	5	5	Volume Discount 41 to 60	0.15	Volume Discount	Reseller
6	6	6	Volume Discount over 60	0.2	Volume Discount	Reseller
7	7	7	Mountain-100 Clearance Sale	0.35	Discontinued Product	Reseller
8	8	8	Sport Helmet Discount-2002	0.1	Seasonal Discount	Reseller
9	9	9	Road-650 Overstock	0.3	Excess Inventory	Reseller
10	10	10	Mountain Tire Sale	0.5	Excess Inventory	Customer
11	11	11	Summer Sale - 2002	0.15	Summer Sale	Customer

Query executed successfully. | localhost (14.0 RTM) | root (53) | AdventureworksDW_neu | 00:00:00 | 16 rows

Talend Data Flow



Talend Output:

The screenshot shows the MySQL Workbench interface. The left sidebar displays the database schema, including tables like 'adventureworks2016_eu', 'adventureworksdw_neu', and 'dimpromotion'. The central area shows the results of a query against the 'dimpromotion' table. The results grid contains the following data:

PromotionSK	PromotionAlternateSK	PromotionName	PromotionDiscountPct	PromotionType	PromotionCategory	Promo
1	1	No Discount	0	No Discount	No Discount	2011-C
2	2	Volume Discount 11 to 14	0.02	Volume Discount	Reseller	2011-C
3	3	Volume Discount 15 to 24	0.05	Volume Discount	Reseller	2011-C
4	4	Volume Discount 25 to 40	0.1	Volume Discount	Reseller	2011-C
5	5	Volume Discount 41 to 60	0.15	Volume Discount	Reseller	2011-C
6	6	Volume Discount over 60	0.2	Volume Discount	Reseller	2011-C
7	7	Mountain-100 Clearance Sale	0.35	Discontinued Product	Reseller	2012-C
8	8	Sport Helmet Discount-2002	0.1	Seasonal Discount	Reseller	2012-C
9	9	Road-450 Overstock	0.3	Excess Inventory	Reseller	2012-C
10	10	Mountain Tire Sale	0.5	Excess Inventory	Customer	2013-C
11	11	Sport Helmet Discount-2003	0.15	Seasonal Discount	Reseller	2013-C
12	12	LL Road Frame Sale	0.35	Excess Inventory	Reseller	2013-C

The 'Action Output' pane at the bottom shows the following history:

#	Time	Action	Message	Duration / Fetch
5	14:49:59	use adventureworksdw_neu_1	0 row(s) affected	0.000 sec
6	14:49:59	select * from dimcurrency	28 row(s) returned	0.015 sec / 0.000 sec
7	14:53:31	use adventureworksdw_neu_1	0 row(s) affected	0.000 sec
8	14:53:31	select * from dimpromotion	16 row(s) returned	0.000 sec / 0.000 sec

4) Loading DimDate

- **Tables used**
 1. **DimDate (AdventureWorks2014)**
No of row count (SSIS / Talend): 3652

SSIS Data Flow



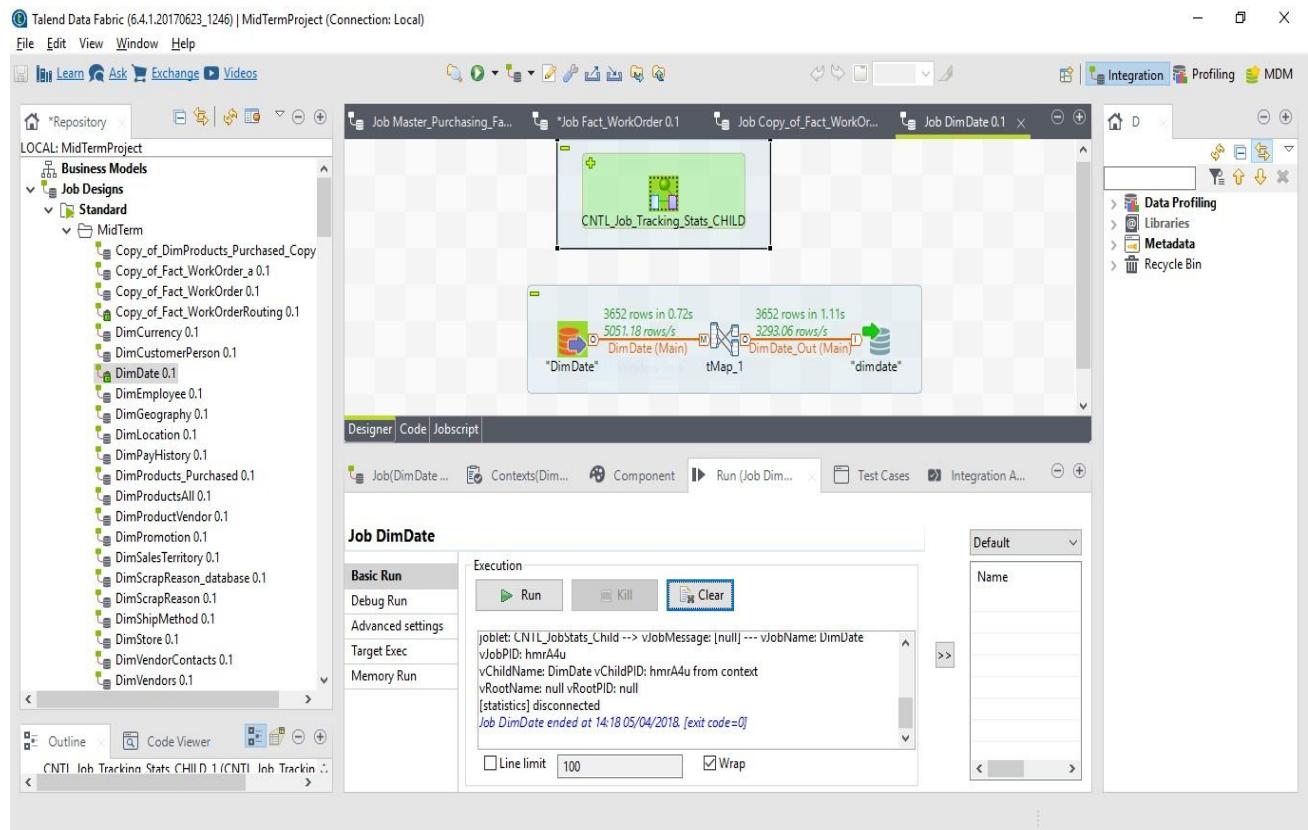
SSIS Output:

The screenshot shows the SSIS Output window with the 'Results' tab selected. The data is presented in a grid format with the following columns: DateSK, FullDateAK, DayNumberOfWeek, DayNameOfWeek, DayNameOfWeekAbbr, DayNumberOfMonth, DayNumberOfYear, and WeekN. The data consists of 13 rows, each representing a day from January 1, 2005, to January 13, 2005. The 'DayNameOfWeek' column shows the full name of the day, and the 'DayNameOfWeekAbbr' column shows the three-letter abbreviation. The 'DayNumberOfWeek' column shows the day number within the week (1-7), and the 'DayNumberOfMonth' column shows the day number within the month (1-31). The 'DayNumberOfYear' column shows the day number within the year (1-365), and the 'WeekN' column shows the week number (1-52).

	DateSK	FullDateAK	DayNumberOfWeek	DayNameOfWeek	DayNameOfWeekAbbr	DayNumberOfMonth	DayNumberOfYear	WeekN
1	20050101	2005-01-01	7	Saturday	Sat	1	1	1
2	20050102	2005-01-02	1	Sunday	Sun	2	2	2
3	20050103	2005-01-03	2	Monday	Mon	3	3	2
4	20050104	2005-01-04	3	Tuesday	Tue	4	4	2
5	20050105	2005-01-05	4	Wednesday	Wed	5	5	2
6	20050106	2005-01-06	5	Thursday	Thu	6	6	2
7	20050107	2005-01-07	6	Friday	Fri	7	7	2
8	20050108	2005-01-08	7	Saturday	Sat	8	8	2
9	20050109	2005-01-09	1	Sunday	Sun	9	9	3
10	20050110	2005-01-10	2	Monday	Mon	10	10	3
11	20050111	2005-01-11	3	Tuesday	Tue	11	11	3
12	20050112	2005-01-12	4	Wednesday	Wed	12	12	3
13	20050113	2005-01-13	5	Thursday	Thu	13	13	3

Query executed successfully. | localhost (14.0 RTM) | DESKTOP-9HLGMMTT\Dawn (66) | AdventureworksDW_neu | 00:00:00 | 3652 rows

Talend Data Flow



Talend Output:

The screenshot shows MySQL Workbench. The left sidebar shows the database structure for 'adventureworksdw_neu_1'. The main area displays the results of a query against the 'dimdate' table. The results are shown in a grid with the following columns: DateSK, FullDateAK, DayNumberOfWeek, DayNameOfWeek, DayNameOfWeekAbbr, DayNumberOfMonth, DayNumberOfYear, WeekNum, and Result Grid. The data starts with January 1, 2005, and continues through January 18, 2005. The 'Result Grid' tab is selected, showing the raw data.

DateSK	FullDateAK	DayNumberOfWeek	DayNameOfWeek	DayNameOfWeekAbbr	DayNumberOfMonth	DayNumberOfYear	WeekNum	Result Grid
20050101	2005-01-01	7	Saturday	Sat	1	1	1	
20050102	2005-01-02	1	Sunday	Sun	2	2	2	
20050103	2005-01-03	2	Mondav	Mon	3	3	2	
20050104	2005-01-04	3	Tuesday	Tue	4	4	2	
20050105	2005-01-05	4	Wednesday	Wed	5	5	2	
20050106	2005-01-06	5	Thursday	Thu	6	6	2	
20050107	2005-01-07	6	Friday	Fri	7	7	2	
20050108	2005-01-08	7	Saturday	Sat	8	8	2	
20050109	2005-01-09	1	Sunday	Sun	9	9	3	
20050110	2005-01-10	2	Mondav	Mon	10	10	3	
20050111	2005-01-11	3	Tuesday	Tue	11	11	3	
20050112	2005-01-12	4	Wednesday	Wed	12	12	3	
20050113	2005-01-13	5	Thursday	Thu	13	13	3	
20050114	2005-01-14	6	Friday	Fri	14	14	3	
20050115	2005-01-15	7	Saturday	Sat	15	15	3	
20050116	2005-01-16	1	Sunday	Sun	16	16	4	
20050117	2005-01-17	2	Mondav	Mon	17	17	4	
20050118	2005-01-18	3	Tuesday	Tue	18	18	4	

5) Loading DimShipMethod

- **Tables used**
 1. **ShipMethod**

No of row count (SSIS / Talend): 5

SSIS Data Flow

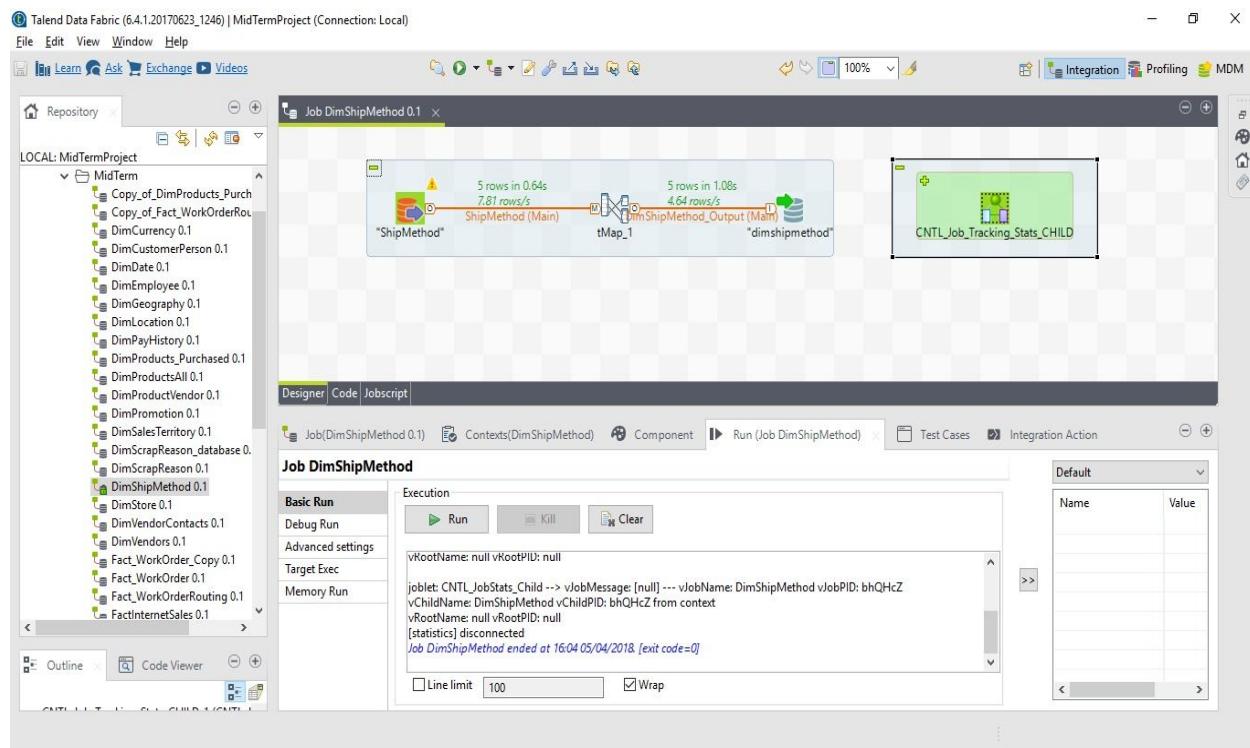


SSIS Output:

The screenshot shows the SSIS Output window with the 'Results' tab selected. The results grid displays the following data:

	ShipMethodSK	ShipMethodID	ShipMethodName	ShipBase	ShipRate	SOR_ID	SOR_LoadDate	SOR_Update
1	1	1	XRQ - TRUCK GROUND	3.95	0.99	1	2018-04-05 17:21:11.214	2018-04-05
2	2	2	ZY - EXPRESS	9.95	1.99	1	2018-04-05 17:21:11.214	2018-04-05
3	3	3	OVERSEAS - DELUXE	29.95	2.99	1	2018-04-05 17:21:11.214	2018-04-05
4	4	4	OVERNIGHT J-FAST	21.95	1.29	1	2018-04-05 17:21:11.214	2018-04-05
5	5	5	CARGO TRANSPORT 5	8.99	1.49	1	2018-04-05 17:21:11.214	2018-04-05

Talend Data Flow



Talend Output:

ShipMethodSK	ShipMethodID	ShipMethodName	ShipBase	ShipRate	SOR_ID	SOR_LoadDate	SOR_UpdateDate	DI_Job	Gte443
1	1	XRO - TRUCK GROUND	3.95	0.99	0	2018-03-24 13:07:12.723	HULL	Gte443	
2	2	ZY - EXPRESS	9.95	1.99	0	2018-03-24 13:07:12.723	HULL	Gte443	
3	3	OVERSEAS - DELUXE	29.95	2.99	0	2018-03-24 13:07:12.723	HULL	Gte443	
4	4	OVERNIGHT J-FAST	21.95	1.29	0	2018-03-24 13:07:12.723	HULL	Gte443	
5	5	CARGO TRANSPORT 5	8.99	1.49	0	2018-03-24 13:07:12.723	HULL	Gte443	
NULL	HULL		HULL	HULL	HULL	HULL	HULL		

Action Output:

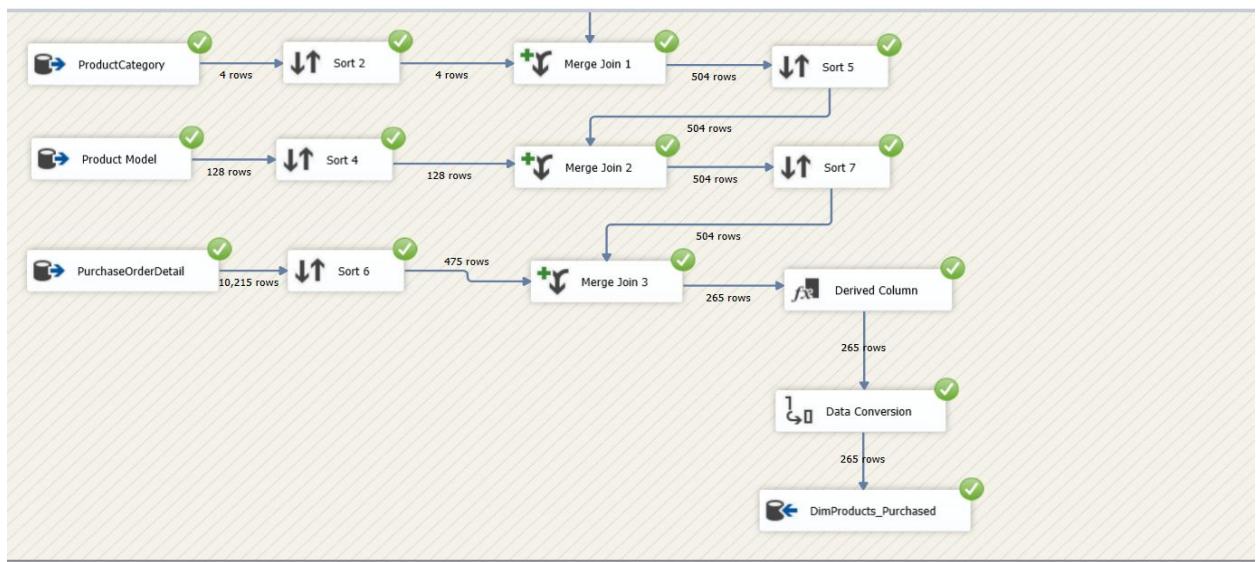
#	Time	Action	Message	Duration / Fetch
7	14:53:31	use adventureworksdw_neu_1	0 row(s) affected	0.000 sec
8	14:53:31	select * from dimpromotion	16 row(s) returned	0.000 sec / 0.000 sec
9	14:54:26	use adventureworksdw_neu_1	0 row(s) affected	0.000 sec
10	14:54:26	select * from dimshipmethod	5 row(s) returned	0.000 sec / 0.000 sec

6) Loading DimProducts_Purchased

- **Tables used**
 1. Product
 2. ProductVendor
 3. PurchaseOrderDetail
 4. ProductSubcategory
 5. ProductModel
 6. ProductCategory

No of row count (SSIS / Talend): 265

SSIS Data Flow



SSIS Output:

90 %

	ProductPurchasedSK	ProductID	ProductNumber	ProductName	ProductSubcategoryID	ProductSubcategoryName	ProductCategory
1	1	1	AR-5381	Adjustable Race	NULL	NULL	NULL
2	2	2	BA-8327	Bearing Ball	NULL	NULL	NULL
3	3	4	BE-2908	Headset Ball Bearings	NULL	NULL	NULL
4	4	317	CA-5965	LL Crankarm	NULL	NULL	NULL
5	5	318	CA-6738	ML Crankarm	NULL	NULL	NULL
6	6	319	CA-7457	HL Crankarm	NULL	NULL	NULL
7	7	320	CB-2903	Chainring Bolts	NULL	NULL	NULL
8	8	321	CN-6137	Chainring Nut	NULL	NULL	NULL
9	9	322	CR-7833	Chainring	NULL	NULL	NULL
10	10	323	CR-9981	Crown Race	NULL	NULL	NULL
11	11	325	DC-8732	Decal 1	NULL	NULL	NULL
12	12	326	DC-9824	Decal 2	NULL	NULL	NULL
13	13	332	FH-2981	Freewheel	NULL	NULL	NULL

Query executed successfully. | localhost (14.0 RTM) | DESKTOP-9HLGMMT\Dawn (66) | AdventureworksDW_neu | 00:00:00 | 265 rows

Talend Data Flow



Talend Output:

MySQL Workbench

localhost

File Edit View Query Database Server Tools Scripting Help

Schemas

adventureworks2016_eu
adventureworksdw_neu
adventureworksdw_neu_1

Tables Views Stored Procedures Functions

chinook chinook_dw chinookdm neu_workshop neu_workshops sakila school sys test world

SQL File 10* SQL File 3* SQL File 4* SQL File 5* SQL File 6* SQL File 7* SQL File 8* SQL File 9*

1. use adventureworksdw_neu_1;
2. select * from dimproducts_purchased;

Result Grid Filter Rows: Edit Export/Import: Wrap Cell Content: Result Grid Form Editor Field Types

ProductPurchasedSK	ProductID	ProductNumber	ProductName	ProductSubcategoryID	ProductSubcategoryName	ProductCategory
1	1	AR-5381	Adjustable Race	NULL	NULL	0
2	2	BA-327	Bearing Ball	NULL	NULL	0
3	4	BE-2908	Headset Ball Bearings	NULL	NULL	0
4	317	CA-5965	LL Crankarm	NULL	NULL	0
5	318	CA-5738	ML Crankarm	NULL	NULL	0
6	319	CA-7457	HL Crankarm	NULL	NULL	0
7	320	CB-2903	Chainring Bolts	NULL	NULL	0
8	321	CH-6137	Chainring Nut	NULL	NULL	0
9	322	CR-7833	Chainring	NULL	NULL	0
10	323	CR-9981	Crown Race	NULL	NULL	0
11	325	DC-8732	Decal 1	NULL	NULL	0
12	326	DC-9824	Decal 2	NULL	NULL	0

dimproducts_purchased5 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
11	14:57:00	use adventureworksdw_neu_1	0 row(s) affected	0.000 sec
12	14:57:00	select * from dimproductsall	504 row(s) returned	0.015 sec / 0.000 sec
13	14:57:22	use adventureworksdw_neu_1	0 row(s) affected	0.000 sec
14	14:57:22	select * from dimproducts_purchased	170 row(s) returned	0.000 sec / 0.000 sec

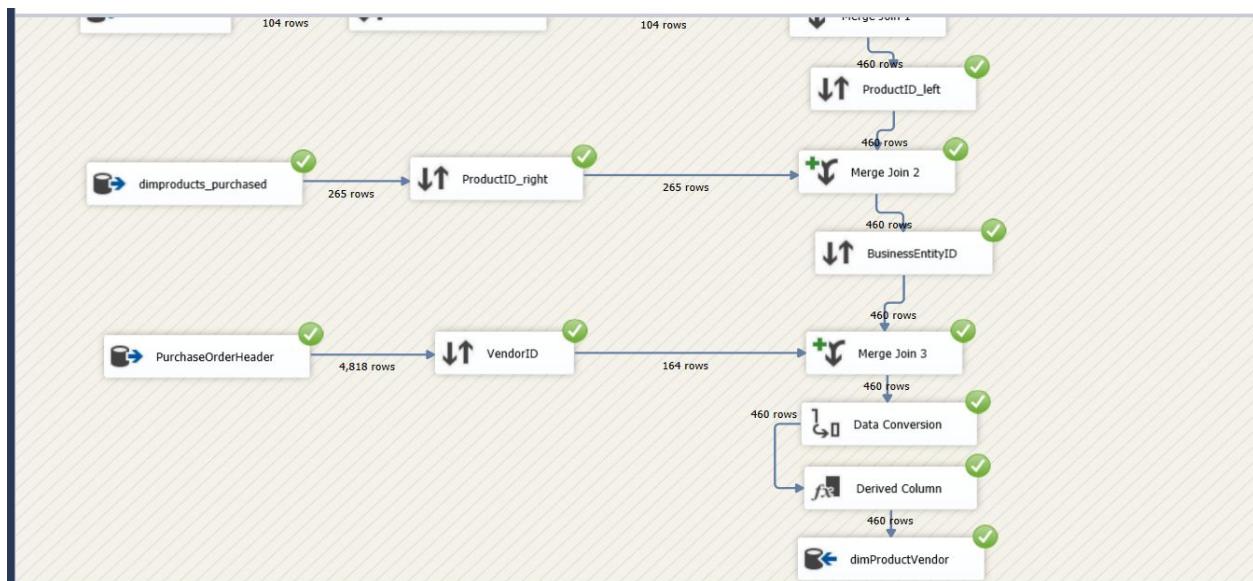
Management Schemas Information No object selected Object Info Session

7) Loading DimProductVendor

- **Tables used**
 1. ProductVendor
 2. DimDate
 3. DimVendors
 4. DimProducts_Purchased
 5. PurchaseOrderHeader

No of row count (SSIS / Talend): 460

SSIS Data Flow

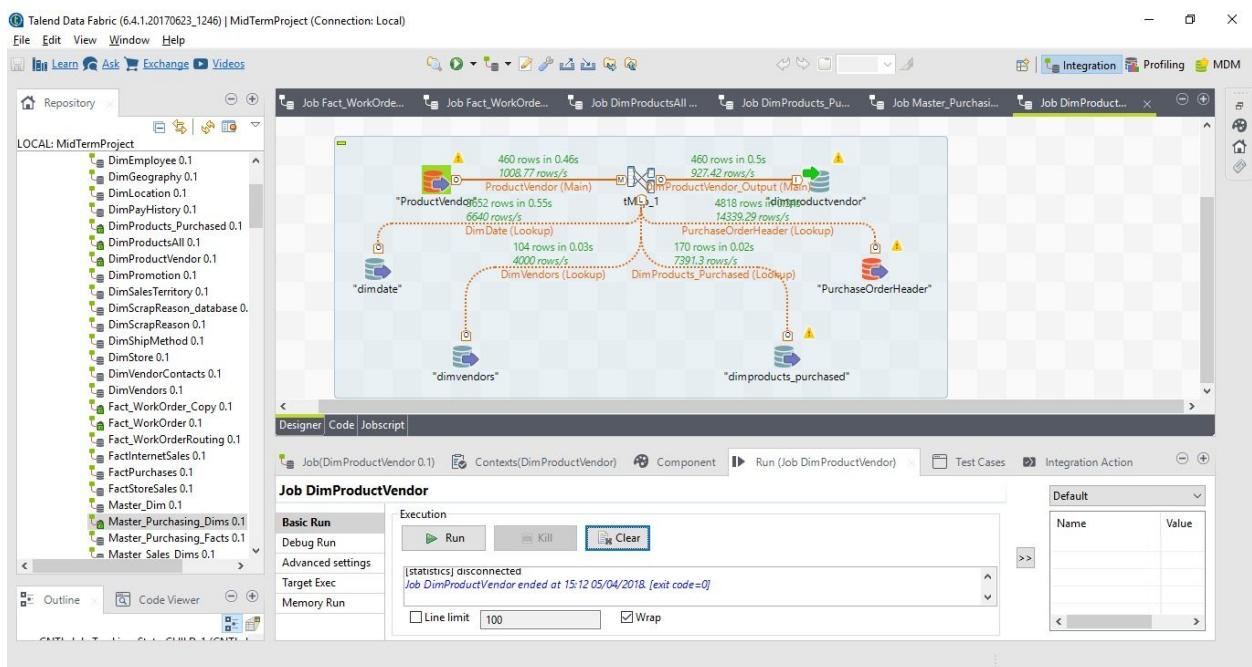


SSIS Output:

90 %

	Results	Messages							
	ProductVendorSK	ProductPurchasedSK	VendorSK	ProductID	VendorID	AverageLeadTime	StandardPrice	LastReceiptCost	LastRec
1	1	88	12	422	1492	17	45.26	47.52	2011-08-
2	2	89	12	423	1492	17	43.26	45.42	2011-08-
3	3	90	12	424	1492	17	47.33	49.69	2011-08-
4	4	91	12	425	1492	17	43.26	45.42	2011-08-
5	5	92	12	426	1492	17	41.26	43.32	2011-08-
6	6	93	12	427	1492	17	45.33	47.59	2011-08-
7	7	94	12	428	1492	17	41.26	43.32	2011-08-
8	8	95	12	429	1492	17	39.26	41.22	2011-07-
9	9	96	12	430	1492	17	43.33	45.49	2011-07-
10	10	97	12	431	1492	17	39.26	41.22	2011-07-
11	11	98	12	432	1492	17	37.26	39.12	2011-07-
12	12	99	12	433	1492	17	41.33	43.39	2011-07-
13	13	100	12	434	1492	17	37.26	39.12	2011-07-

Talend Data Flow



Talend Output:

MySQL Workbench

localhost

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

adventureworks2016_eu
adventureworksdw_neu
adventureworksdw_neu_1

Tables
Views
Stored Procedures
Functions

chinook
chinook_dw
chinookdm
neu_workshop
neu_workshops
sakila
school
sys
test
world

SQL File 10* SQL File 3* SQL File 4* SQL File 5* SQL File 6* SQL File 7* SQL File 8* SQL File 9*

1. use adventureworksdw_neu_1;
2. select * from dimproductvendor;

Result Grid

ProductVendorSK	ProductPurchasedSK	VendorSK	ProductId	VendorID	AverageLeadTime	StandardPrice	LastReceiptCost	LastReceivedDate
1	1	45	1	1580	17	47.87	50.26	20110829
2	2	99	2	1688	19	39.92	41.92	20110829
3	3	80	4	1650	17	54.31	57.03	20110829
4	4	44	317	1578	19	28.17	29.58	20110829
5	4	94	317	1678	17	25.77	27.06	20110825
6	5	44	318	1578	19	34.38	36.10	20110829
7	5	94	318	1678	17	31.98	33.58	20110825
8	6	33	319	1556	19	44.21	46.42	20110829
9	6	44	319	1578	19	46.27	48.58	20110829
10	6	94	319	1678	17	43.87	46.06	20110825
11	7	12	320	1514	19	47.28	49.64	20110829
12	7	56	320	1602	17	45.21	47.47	20110819

Result Grid

Form Editor

Field Types

Context Help Snippets

Action Output

#	Time	Action	Message	Duration / Fetch
13	14:57:22	use adventureworksdw_neu_1	0 row(s) affected	0.000 sec
14	14:57:22	select * from dimproducts_purchased	170 row(s) returned	0.000 sec / 0.000 sec
15	14:57:49	use adventureworksdw_neu_1	0 row(s) affected	0.000 sec
16	14:57:49	select * from dimproductvendor	460 row(s) returned	0.000 sec / 0.000 sec

Management Schemas

Information

No object selected

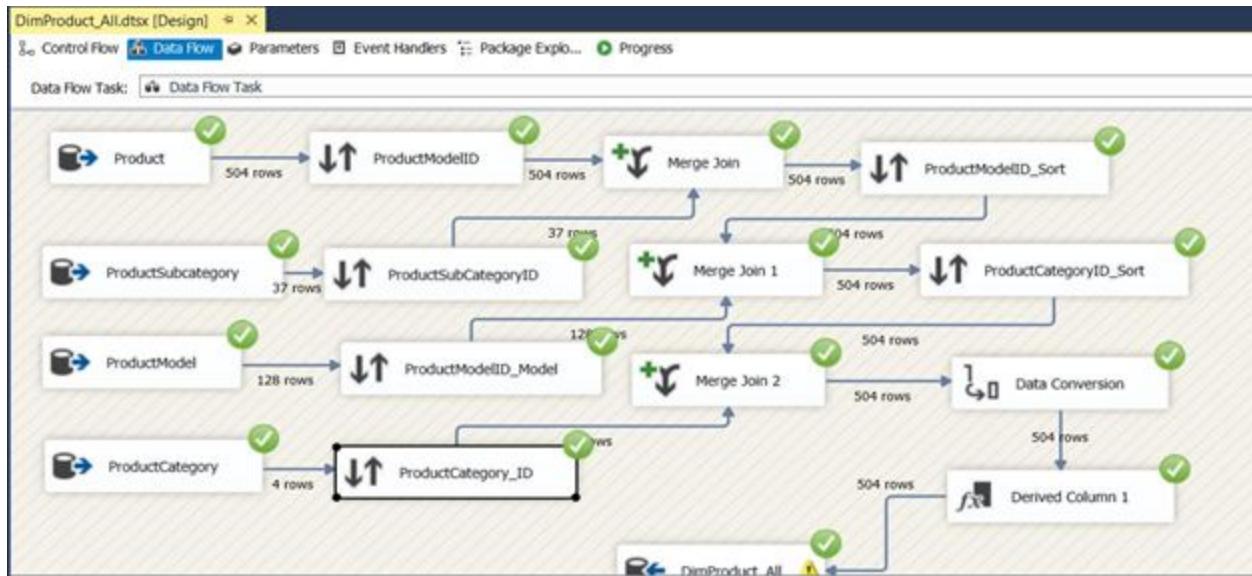
Object Info Session

8) Loading DimProductsAll

- **Tables used**
 1. Product
 2. ProductSubcategory
 3. ProductModel
 4. ProductCategory

No of row count (SSIS / Talend): 504

SSIS Data Flow



SSIS Output:

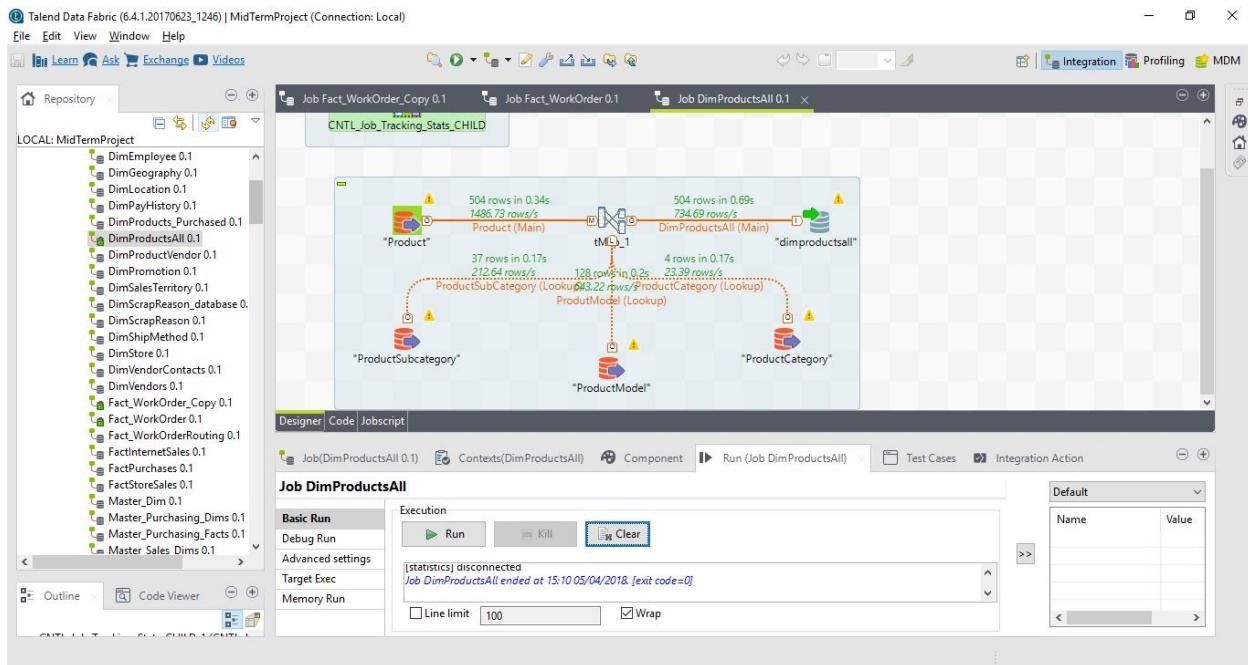
90 %

Results Messages

	ProductSK	ProductID	ProductNumber	ProductName	ProductSubcategoryID	ProductSubcategoryName	ProductCategoryID	Proc
1	1	1	AR-5381	Adjustable Race	NULL	NULL	NULL	NU
2	2	323	CR-9981	Crown Race	NULL	NULL	NULL	NU
3	3	322	CR-7833	Chainring	NULL	NULL	NULL	NU
4	4	2	BA-8327	Bearing Ball	NULL	NULL	NULL	NU
5	5	3	BE-2349	BB Ball Bearing	NULL	NULL	NULL	NU
6	6	4	BE-2908	Headset Ball Bearings	NULL	NULL	NULL	NU
7	7	316	BL-2036	Blade	NULL	NULL	NULL	NU
8	8	317	CA-5965	LL Crankarm	NULL	NULL	NULL	NU
9	9	318	CA-6738	ML Crankarm	NULL	NULL	NULL	NU
10	10	319	CA-7457	HL Crankarm	NULL	NULL	NULL	NU
11	11	324	CS-2812	Chain Stays	NULL	NULL	NULL	NU
12	12	320	CB-2903	Chainring Bolts	NULL	NULL	NULL	NU
13	13	325	DC-8732	Decal 1	NULL	NULL	NULL	NU

Query executed successfully. | localhost (14.0 RTM) | DESKTOP-9HLMGTT\Dawn (69) | AdventureworksDW_neu | 00:00:00 | 504 rows

Talend Data Flow



Talend Output:

The screenshot shows the MySQL Workbench interface. The top navigation bar includes File, Edit, View, Query, Database, Server, Tools, Scripting, Help, and a toolbar with various icons. The 'Navigator' pane on the left shows the database schema, including 'adventureworksdw_neu_1' and 'chinook'. The central workspace displays a SQL editor with the following query:

```
1. use adventureworksdw_neu_1;
2. select * from dimproductsall;
```

The results grid below shows the following data:

	ProductSK	ProductID	ProductNumber	ProductName	ProductSubCategoryID	ProductSubCategoryName	ProductCategoryID
1	1	AR-5381		Adjustable Race	NULL	NULL	0
2	2	BA-8327		Bearing Ball	NULL	NULL	0
3	3	BE-2349		BB Ball Bearing	NULL	NULL	0
4	4	BL-2036		Headset Ball Bearings	NULL	NULL	0
5	5	CA-5965		Blade	NULL	NULL	0
6	317	CA-5738		HL Crankarm	NULL	NULL	0
7	318	CA-7457		HL Crankarm	NULL	NULL	0
8	319	CB-2903		Chainring Bolts	NULL	NULL	0
9	320	CH-6137		Chainring Nut	NULL	NULL	0
10	321	CR-7833		Chainring	NULL	NULL	0
11	322	CR-9981		Crown Race	NULL	NULL	0
12	323	CR-9981			NULL	NULL	0

The 'Action Output' pane at the bottom shows the following log entries:

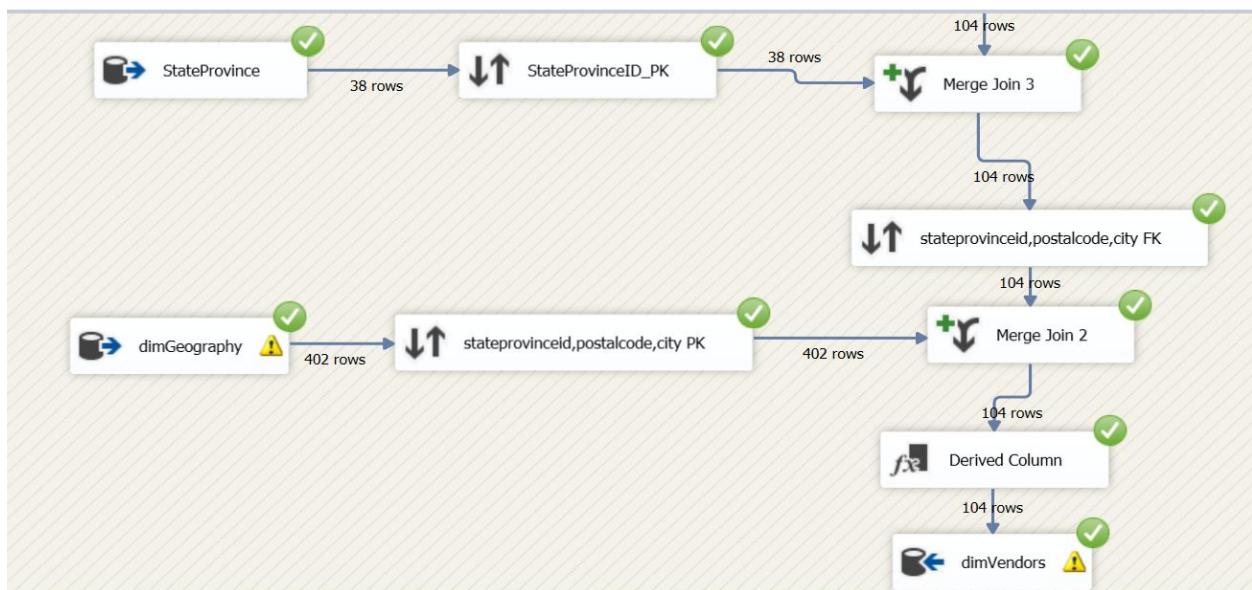
#	Time	Action	Message	Duration / Fetch
9	14:54:26	use adventureworksdw_neu_1	0 row(s) affected	0.000 sec
10	14:54:26	select * from dimproductmethod	5 row(s) returned	0.000 sec / 0.000 sec
11	14:57:00	use adventureworksdw_neu_1	0 row(s) affected	0.000 sec
12	14:57:00	select * from dimproductsall	504 row(s) returned	0.015 sec / 0.000 sec

9) Loading DimVendors

- Tables used
 - 1. Vendors
 - 2. BusinessEntityAddress
 - 3. Address
 - 4. AddressType
 - 5. StateProvince
 - 6. DimSalesTerritory
 - 7. DimGeography

No of row count (SSIS / Talend): 104

SSIS Data Flow



SSIS Output:

90 %

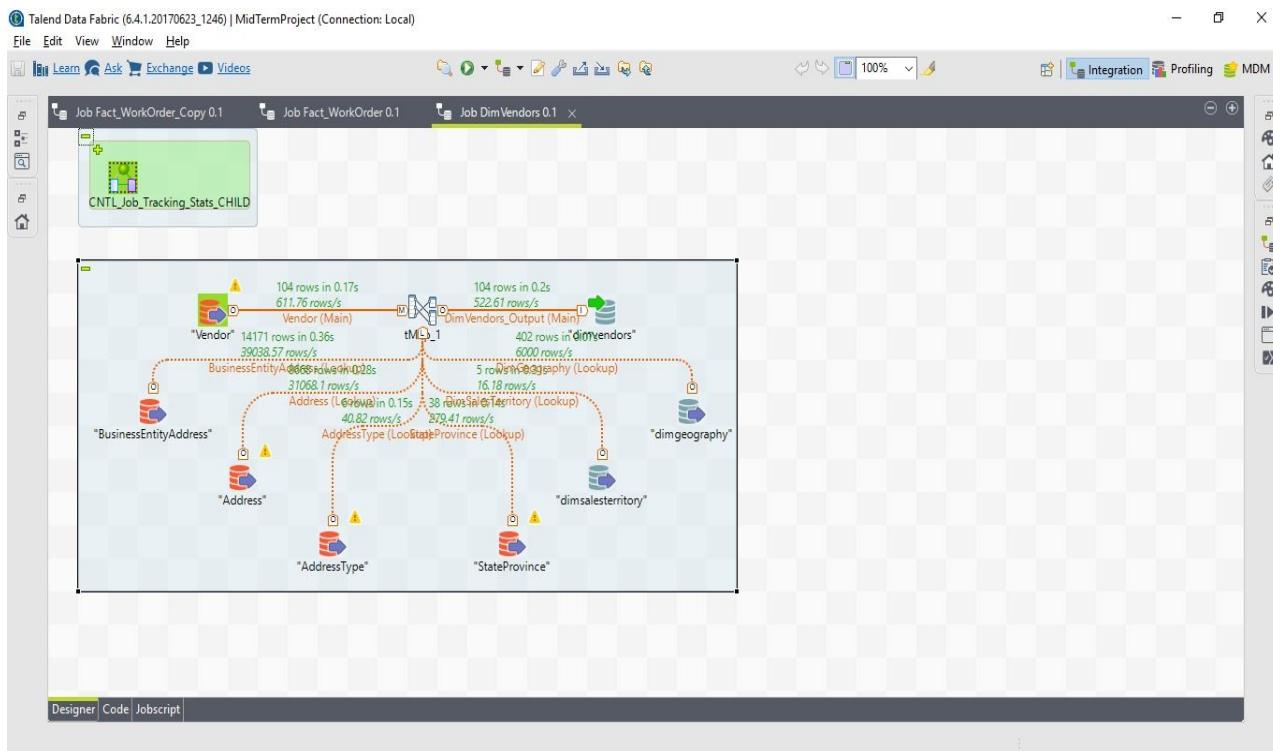
Results Messages

	VendorSK	BusinessEntityID	AccountNumber	VendorName	CreditRating	PreferredVendorStatus	ActiveFlag	Purch...
1	1	1500	MORGANB0001	Morgan Bike Accessories	1	T	-1	NULL
2	2	1666	LEAFRIV0001	Leaf River Terrain	1	F	-1	NULL
3	3	1516	GARDNER0001	Gardner Touring Cycles	1	F	0	NULL
4	4	1494	ALLENSON0001	Allenson Cycles	2	T	-1	NULL
5	5	1622	SPEEDCO0001	Speed Corporation	1	T	-1	NULL
6	6	1662	NORTHERN0001	Northern Bike Travel	3	T	-1	NULL
7	7	1642	ELECTRON0001	Electronic Bike Co.	1	T	-1	NULL
8	8	1624	COMPETIT0001	Competition Bike Training Systems	1	T	-1	NULL
9	9	1614	RELIANCE0001	Reliance Fitness, Inc.	2	F	0	NULL
10	10	1562	NORSTAN0001	Norstan Bike Hut	1	T	-1	NULL
11	11	1594	FITNESS0001	Fitness Association	1	T	-1	NULL
12	12	1492	AUSTRALI0001	Australia Bike Retailer	1	T	-1	NULL
13	13	1498	TRIKES0001	Trikes, Inc.	2	T	-1	NULL

Query executed successfully. | localhost (14.0 RTM) | DESKTOP-9HLMGTT\ Dawn (66) | AdventureworksDW neu | 00:00:00 | 104 rows

AdventureworksDW neu (Running) - Microsoft Visual Studio

Talend Data Flow



Talend Output:

The screenshot shows the MySQL Workbench interface with the following details:

- Navigator:** Localhost > Schemas > adventureworksdw_neu_1 > Tables > dimvendors.
- SQL Editor:**

```
1. use adventureworksdw_neu_1;
2. select * from dimvendors;
```
- Result Grid:**

VendorSK	BusinessEntityID	AccountNumber	VendorName	CreditRating	PreferredVendorStatus	ActiveFlag	Purchasing
1	1492	AUSTRAL0001	Australia Bike Retailer	1	1	1	NUL
2	1494	ALLENSON0001	Allenson Cycles	2	1	1	NUL
3	1496	ADVANCED0001	Advanced Bicycles	1	1	1	NUL
4	1498	TRIKES0001	Trikes, Inc.	2	1	1	NUL
5	1500	MORGAN0001	Morgan Bike Accessories	1	1	1	NUL
6	1502	CYLING0001	Cycling Master	1	1	1	NUL
7	1504	CHICAGO0002	Chicago Rent-All	2	1	1	NUL
8	1506	GREENWOOD0001	Greenwood Athletic Company	1	1	1	NUL
9	1508	COMPETE0001	Compete Enterprises, Inc.	1	1	1	NUL
10	1510	INTERNATO001	International	1	1	1	NUL
11	1512	LIGHTSP0001	Light Speed	1	1	1	NUL
12	1514	TRAINING0001	Training Systems	1	1	1	NUL
- Action Output:**

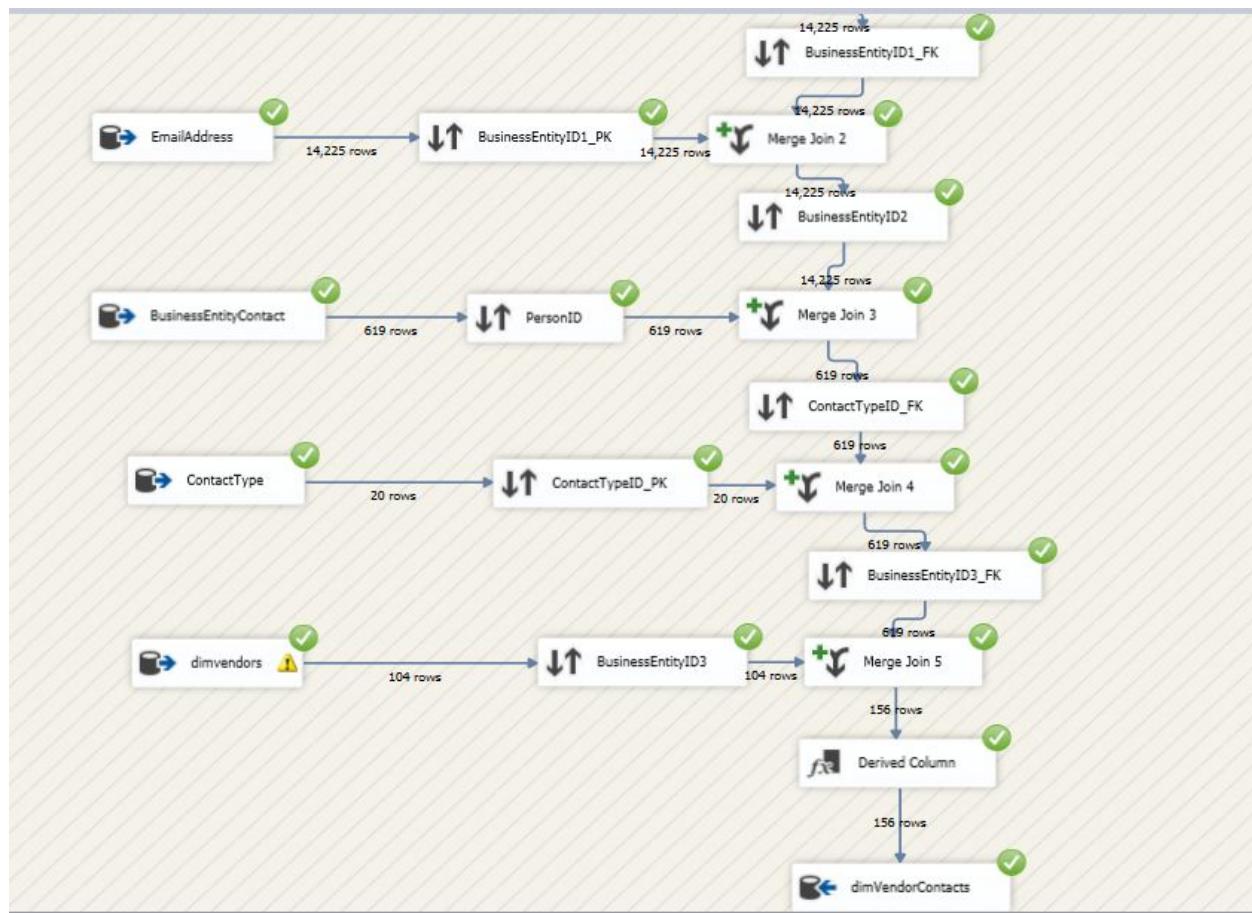
Action	Time	Message	Duration / Fetch
use adventureworksdw_neu_1	14:57:49	0 row(s) affected	0.000 sec
select * from dimvendors	14:57:49	460 row(s) returned	0.000 sec / 0.000 sec
use adventureworksdw_neu_1	14:58:13	0 row(s) affected	0.000 sec
select * from dimvendors	14:58:13	104 row(s) returned	0.000 sec / 0.000 sec

10) Loading DimVendorContacts

- Tables used
 - 1. DimVendors
 - 2. BusinessEntityContact
 - 3. ContactType
 - 4. Person
 - 5. EmailAddress
 - 6. PersonPhone
 - 7. PhoneNumberType

No of row count (SSIS / Talend): 156

SSIS Data Flow



SSIS Output:

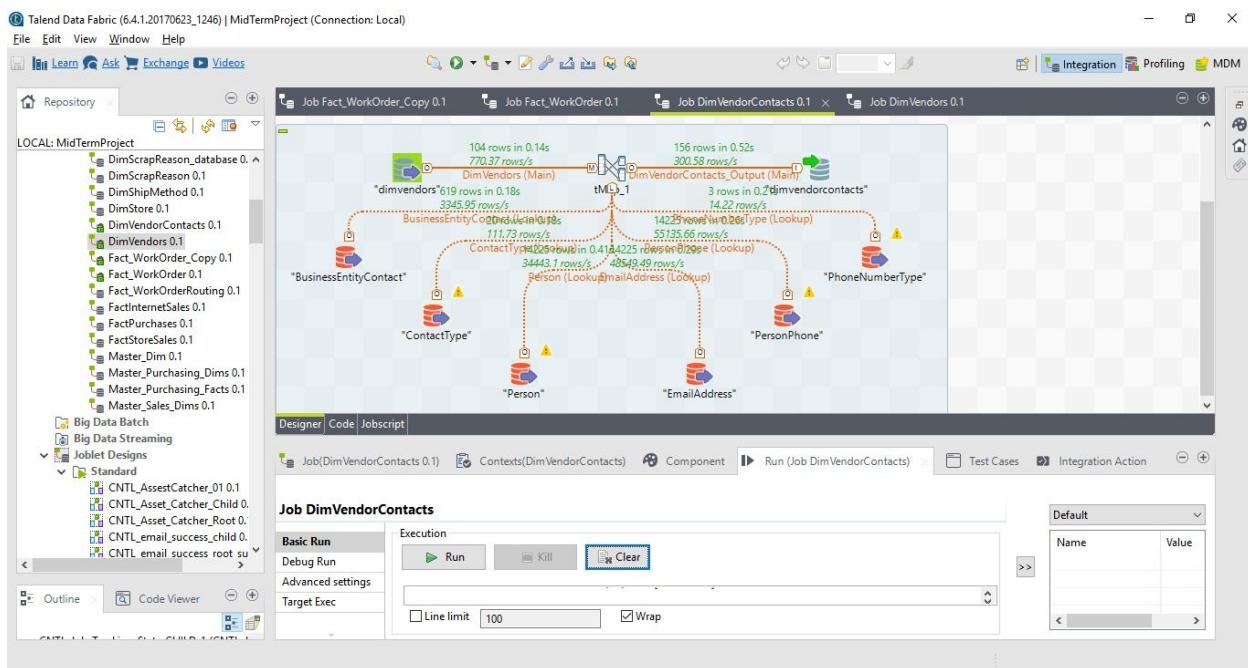
90 %

Results Messages

	VendorContactsSK	Person_BusinessEntityID	VendorSK	Vendor_BusinessEntityID	ContactType	Title	FirstName	MiddleName	LastNam
1	1	1491	12	1492	18	Ms.	Paula	B.	Moberly
2	2	2054	12	1492	19	Ms.	Charlene	J.	Wojcik
3	3	2080	12	1492	17	Ms.	Jo	J.	Zimmerm
4	4	1493	4	1494	17	Ms.	Suchitra	NULL	Mohan
5	5	2061	4	1494	18	Mr.	Michiel	NULL	Wories
6	6	2049	63	1496	19	Mr.	James	C.	Wilson
7	7	2077	63	1496	17	Mr.	Eugene	NULL	Zabokrit
8	8	1495	63	1496	18	Mr.	Jonathan	NULL	Moeller
9	9	1497	13	1498	18	Mr.	William	J.	Monroe
10	10	1499	1	1500	18	Ms.	Alan	L.	Monitor
11	11	1501	98	1502	17	Ms.	Hillaine	N.	Montera
12	12	1503	69	1504	19	Mr.	Bobby	NULL	Moore
13	13	1505	56	1506	19	Ms.	Barbara	NULL	Morelan

Query executed successfully. | localhost (14.0 RTM) | DESKTOP-9HLMGTT\Dawn (66) | AdventureworksDW_neu | 00:00:00 | 156 rows

Talend Data Flow



Talend Output:

MySQL Workbench

localhost

File Edit View Query Database Server Tools Scripting Help

Schemas

adventureworks2016_eu
adventureworksdw_neu
adventureworksdw_neu_1

Tables
Views
Stored Procedures
Functions

chinook
chinook_dw
chinookdm
neu_workshop
neu_workshops
sakila
school
sys
test
world

SQL File 10* SQL File 3* SQL File 4* SQL File 5* SQL File 6* SQL File 7* SQL File 8* SQL File 9*

1. use adventureworksdw_neu_1;
2. select * from dimvendorcontacts;

Result Grid Filter Rows: Edit: Export/Import: Wrap Cell Content: Result Grid Form Editor Field Types

VendorContactSK	Person_BusinessEntityID	VendorSK	Vendor_BusinessEntityID	ContactType	Title	FirstName	MiddleName	LastN
1	1491	1	1492	Sales Associate	Ms.	Paula	B.	Mobe
2	2054	1	1492	Sales Manager	Ms.	Charlene	J.	Wold
3	2080	1	1492	Sales Agent	Ms.	Jo	J.	Zimm
4	1493	2	1494	Sales Agent	Ms.	Sudchitra	HULL	Moha
5	2061	2	1494	Sales Associate	Mr.	Michiel	HULL	Worle
6	1495	3	1496	Sales Associate	Mr.	Jonathan	HULL	Moell
7	2049	3	1496	Sales Manager	Mr.	James	C.	Wilso
8	2077	3	1496	Sales Agent	Mr.	Eugene	HULL	Zabol
9	1497	4	1498	Sales Associate	Mr.	William	J.	Monr
10	1499	5	1500	Sales Associate	Ms.	Alan	L.	Monit
11	1501	6	1502	Sales Agent	Ms.	Hillaine	N.	Morb
12	1503	7	1504	Sales Manager	Mr.	Bobbv	HULL	Moori

dimvendorcontacts 8 x

Output:

Action Output

#	Time	Action	Message	Duration / Fetch
17	14:58:13	use adventureworksdw_neu_1	0 row(s) affected	0.000 sec
18	14:58:13	select * from dimvendors	104 row(s) returned	0.000 sec / 0.000 sec
19	14:58:31	use adventureworksdw_neu_1	0 row(s) affected	0.000 sec
20	14:58:31	select * from dimvendorcontacts	156 row(s) returned	0.000 sec / 0.000 sec

Management Schemas Information No object selected Object Info Session

11) Loading DimScrapReason

- **Tables used**
 1. **DimScrapReason.csv**

No of row count (SSIS / Talend): 16

SSIS Data Flow



SSIS Output:

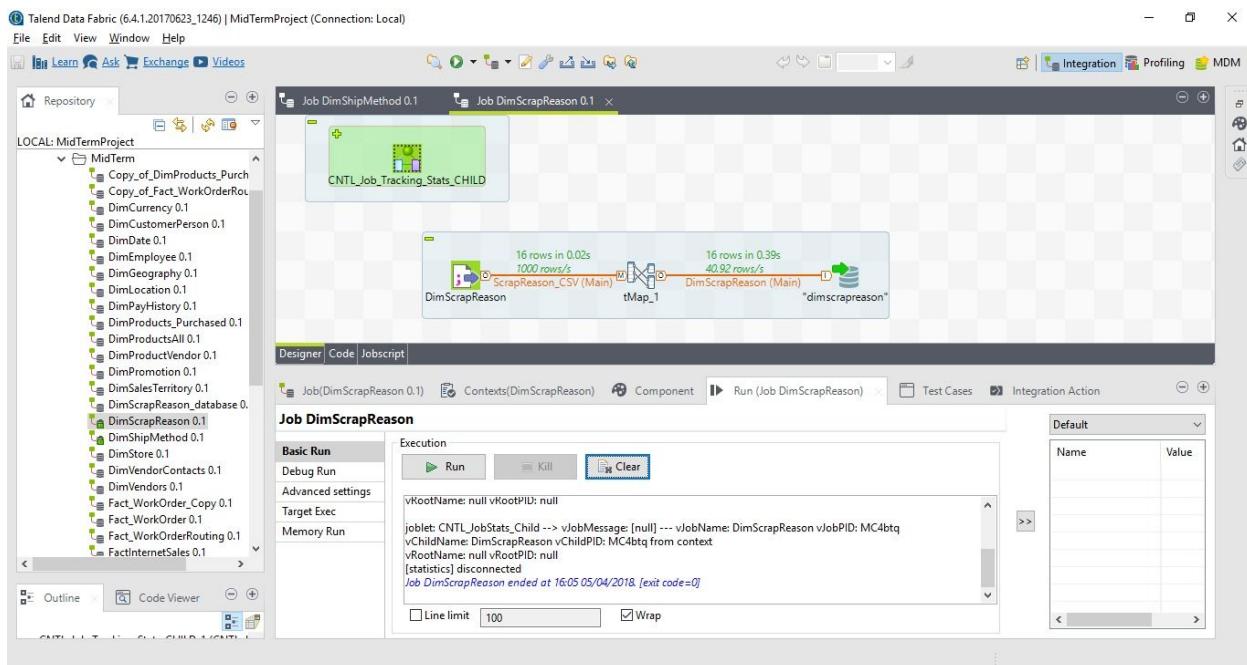
90 %

Results Messages

	ScrapReasonSK	ScrapReasonID	ScrapReasonName	SOR_ID	SOR_LoadDate	SOR_UpdateDate	DI_Job_I
1	1	1	Brake assembly not as ordered	1	2018-04-05 17:36:30.831	2018-04-05 17:36:30.831	{D1528C}
2	2	2	Color incorrect	1	2018-04-05 17:36:30.831	2018-04-05 17:36:30.831	{D1528C}
3	3	3	Gouge in metal	1	2018-04-05 17:36:30.831	2018-04-05 17:36:30.831	{D1528C}
4	4	4	Drill pattern incorrect	1	2018-04-05 17:36:30.831	2018-04-05 17:36:30.831	{D1528C}
5	5	5	Drill size too large	1	2018-04-05 17:36:30.831	2018-04-05 17:36:30.831	{D1528C}
6	6	6	Drill size too small	1	2018-04-05 17:36:30.831	2018-04-05 17:36:30.831	{D1528C}
7	7	7	Handling damage	1	2018-04-05 17:36:30.831	2018-04-05 17:36:30.831	{D1528C}
8	8	8	Paint process failed	1	2018-04-05 17:36:30.831	2018-04-05 17:36:30.831	{D1528C}
9	9	9	Primer process failed	1	2018-04-05 17:36:30.831	2018-04-05 17:36:30.831	{D1528C}
10	10	10	Seat assembly not as ordered	1	2018-04-05 17:36:30.831	2018-04-05 17:36:30.831	{D1528C}
11	11	11	Stress test failed	1	2018-04-05 17:36:30.831	2018-04-05 17:36:30.831	{D1528C}
12	12	12	Thermoform temperature too high	1	2018-04-05 17:36:30.831	2018-04-05 17:36:30.831	{D1528C}
13	13	13	Thermoform temperature too low	1	2018-04-05 17:36:30.831	2018-04-05 17:36:30.831	{D1528C}

Query executed successfully. | localhost (14.0 RTM) | DESKTOP-9HLGMTT\ Dawn (66) | AdventureworksDW_neu | 00:00:00 | 16 rows

Talend Data Flow



Talend Output:

MySQL Workbench

localhost

File Edit View Query Database Server Tools Scripting Help

Schemas

adventureworks2016_eu
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chinookdm
neu_workshop
neu_workshops
sakila
school
sys
test
world

SQL File 10* SQL File 3* SQL File 4* SQL File 5* SQL File 6* SQL File 7* SQL File 8*

1 use adventureworksdw_neu_1;
2 select * from dimscreaperson;

Result Grid | Filter Rows | Edit: Export/Import: Wrap Cell Content: □

ScrapReasonSK	ScrapReasonID	ScrapReasonName	SOR_ID	SOR_LoadDate	SOR_UpdateDate	DI_Job_ID
1	1	Brake assembly not as ordered	2	2018-04-05 11:43:45.839	2018-04-05 11:43:45.839	Aeroso
2	2	Color incorr Brake assembly not as ordered	1	2018-04-05 11:43:45.847	2018-04-05 11:43:45.847	Aeroso
3	3	Gouge in metal	2	2018-04-05 11:43:45.847	2018-04-05 11:43:45.847	Aeroso
4	4	Drill pattern incorrect	2	2018-04-05 11:43:45.847	2018-04-05 11:43:45.847	Aeroso
5	5	Drill size too large	2	2018-04-05 11:43:45.847	2018-04-05 11:43:45.847	Aeroso
6	6	Drill size too small	2	2018-04-05 11:43:45.847	2018-04-05 11:43:45.847	Aeroso
7	7	Handline damage	2	2018-04-05 11:43:45.847	2018-04-05 11:43:45.847	Aeroso
8	8	Paint process failed	2	2018-04-05 11:43:45.847	2018-04-05 11:43:45.847	Aeroso
9	9	Primer process failed	2	2018-04-05 11:43:45.847	2018-04-05 11:43:45.847	Aeroso
10	10	Seat assembly not as ordered	2	2018-04-05 11:43:45.847	2018-04-05 11:43:45.847	Aeroso
11	11	Stress test failed	2	2018-04-05 11:43:45.847	2018-04-05 11:43:45.847	Aeroso
12	12	Thermoform temperature too ...	2	2018-04-05 11:43:45.847	2018-04-05 11:43:45.847	Aeroso

SQLAdditions

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Result Grid | Form Editor | Field Types

dimscreaperson 9 x

Output

Action Output

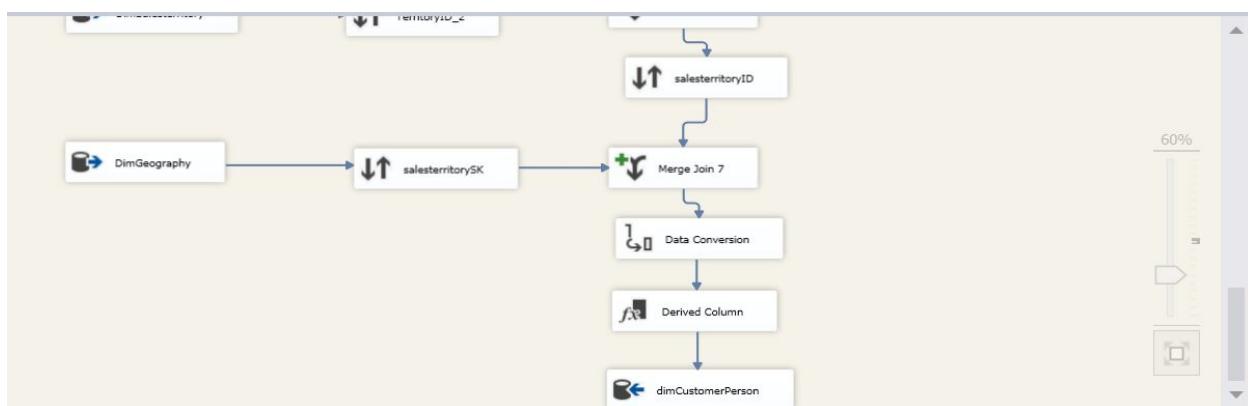
#	Time	Action	Message	Duration / Fetch
19	14:58:31	use adventureworksdw_neu_1	0 row(s) affected	0.000 sec
20	14:58:31	select * from dimvendercontacts	156 row(s) returned	0.000 sec / 0.000 sec
21	14:58:56	use adventureworksdw_neu_1	0 row(s) affected	0.000 sec
22	14:58:56	select *from dimscreaperson	16 row(s) returned	0.000 sec / 0.000 sec

12) Loading DimCustomerPerson

- **Tables used**
 1. Customer
 2. Customer Demographics
 3. Person
 4. BusinessEntityAddress
 5. Address
 6. Email Address
 7. PersonPhone
 8. DimSalesTerritory
 9. DimGeography

No of row count (SSIS / Talend): 8210

SSIS Data Flow

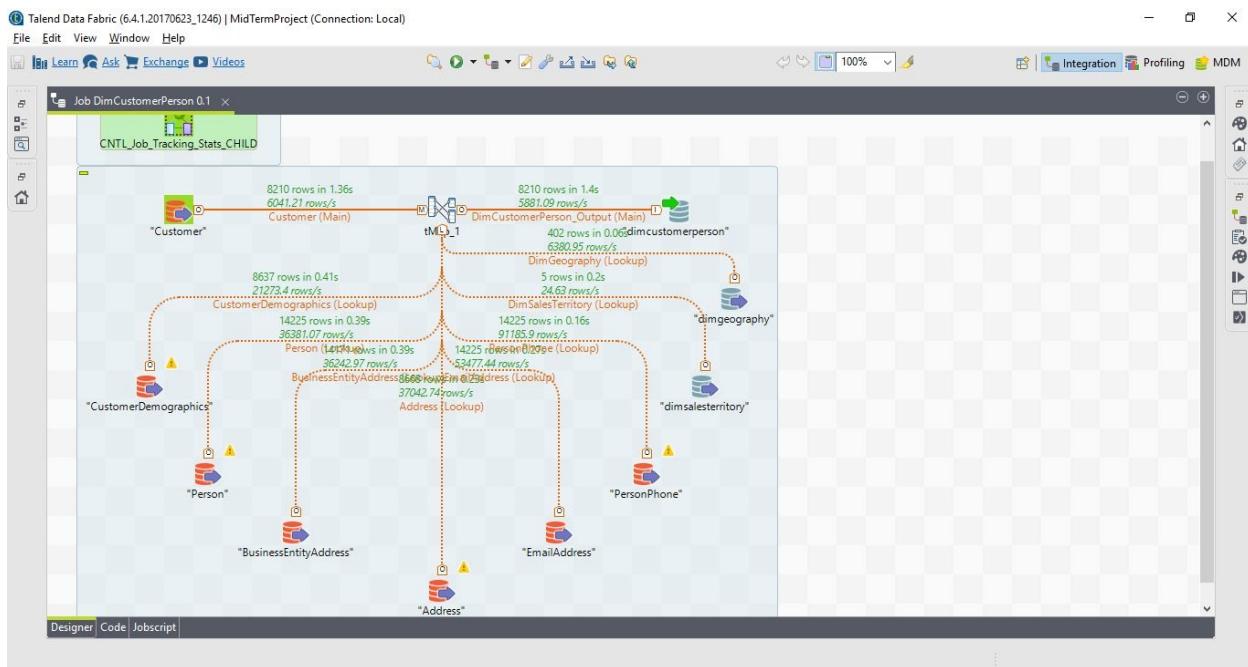


SSIS Output:

	CustomerSK	GeoSK	CustomerAlternateSK	Title	FirstName	MiddleName	LastName	NameStyle	BirthDate	MaritalStatus	Suffix
1	1	NULL	1	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
2	2	NULL	6574	NULL	Ann	D	Sanchez	0	1965-07-15	S	NULL
3	3	NULL	7456	NULL	Marissa	NULL	Hayes	0	1961-07-19	M	NULL
4	4	NULL	5204	NULL	Angel	C	Morris	0	1970-04-05	M	NULL
5	5	NULL	5882	NULL	Danielle	NULL	Sanchez	0	1958-04-23	M	NULL
6	6	NULL	5203	NULL	Jose	D	Gonzalez	0	1970-03-05	M	NULL
7	7	NULL	7457	NULL	Jackson	A	Ross	0	1960-05-14	S	NULL
8	8	NULL	5202	NULL	Sebastian	G	Peterson	0	1972-09-11	M	NULL
9	9	NULL	5883	NULL	Sarah	M	Lee	0	1958-09-09	M	NULL
10	10	NULL	5201	NULL	Grace	G	Brooks	0	1956-04-22	M	NULL
11	11	NULL	7718	NULL	Isabella	P	Johnson	0	1961-01-21	M	NULL
12	12	NULL	5200	NULL	Wyatt	NULL	Perry	0	1956-08-08	M	NULL
13	13	NULL	1031	NULL	Adam	W	Hernandez	0	1953-01-15	M	NULL

Query executed successfully. | localhost (14.0 RTM) | DESKTOP-9HLMGTT\Dawn (69) | AdventureworksDW_neu | 00:00:00 | 4965 rows

Talend Data Flow



Talend Output:

CustomerSK	GeoSK	CustomerAlternateSK	Title	FirstName	MiddleName	LastName	NameStyle	BirthDate	MaritalStatus	Suffix
1	401	11012	Mr.	Lauren	M	Walker	0	1968-01-18	M	
2	401	11013	Mr.	Ian	M	Jenkins	0	1968-08-06	M	
3	401	11014	Mr.	Sydney	M	Bennett	0	1968-05-09	S	
4	398	11015	Miss	Chloe	M	Young	0	1979-02-27	S	
5	398	11016	Mr.	Wyllie	L	Hill	0	1979-04-28	M	
6	401	11021	Mr.	Destiny		Wilson	0	1978-09-03	S	
7	401	11022	Mr.	Ethan	G	Zhang	0	1978-10-12	M	
8	398	11023	Mr.	Seth	M	Edwards	0	1978-10-11	M	
9	398	11024	Mr.	Russell	C	Xie	0	1978-09-17	M	
10	398	11036	Mr.	Jennifer	C	Russell	0	1978-12-18	M	
11	401	11040	Mr.	Jesse		Murphy	0	1977-06-01	M	
12	398	11041	Miss	Amanda	M	Carter	0	1977-10-16	M	

Action Output

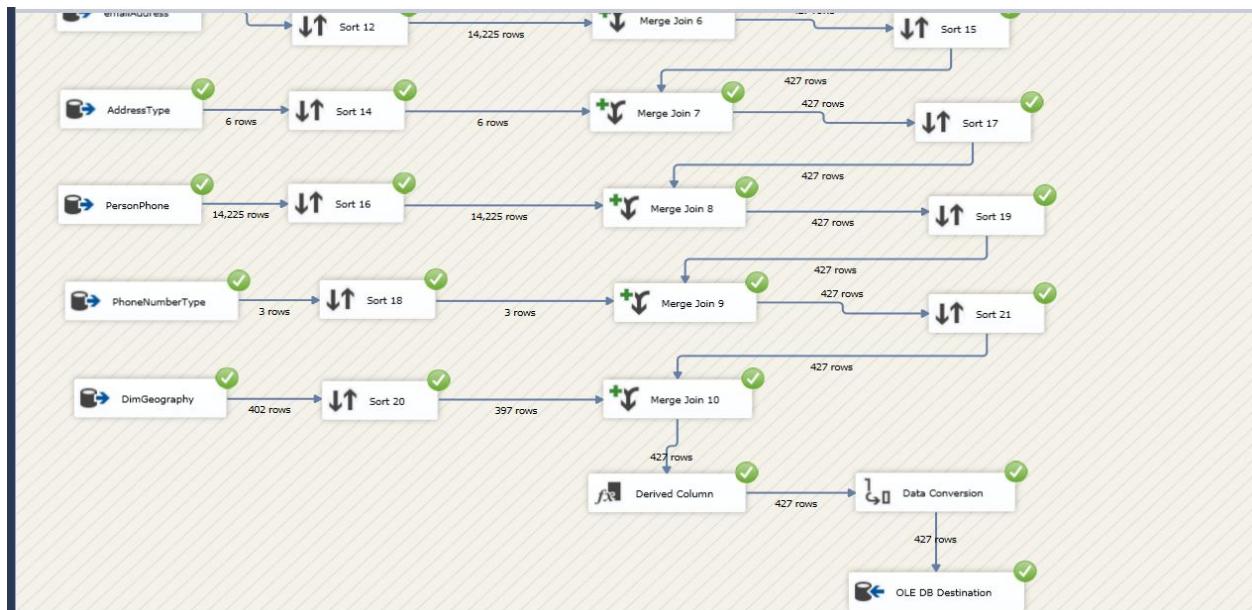
#	Time	Action	Message	Duration / Fetch
21	14:58:56	use adventureworksdw_neu_1	0 row(s) affected	0.000 sec
22	14:58:56	select * from dimcustomerperson	16 row(s) returned	0.000 sec / 0.000 sec
23	14:59:35	use adventureworksdw_neu_1	0 row(s) affected	0.000 sec
24	14:59:35	select * from dimcustomerperson	8210 row(s) returned	0.016 sec / 0.062 sec

13) Loading DimStore

- Tables used
 - 1. Store
 - 2. BusinessEntity
 - 3. BusinessEntityContact
 - 4. Person
 - 5. BusinessEntityAddress
 - 6. Address
 - 7. AddressType
 - 8. ContactType
 - 9. EmailAddress
 - 10. SalesPerson
 - 11. PersonPhone
 - 12. PhoneNumberType
 - 13. DimSalesTerritory
 - 14. DimGeography

No of row count (SSIS / Talend): 427

SSIS Data Flow



SSIS Output:

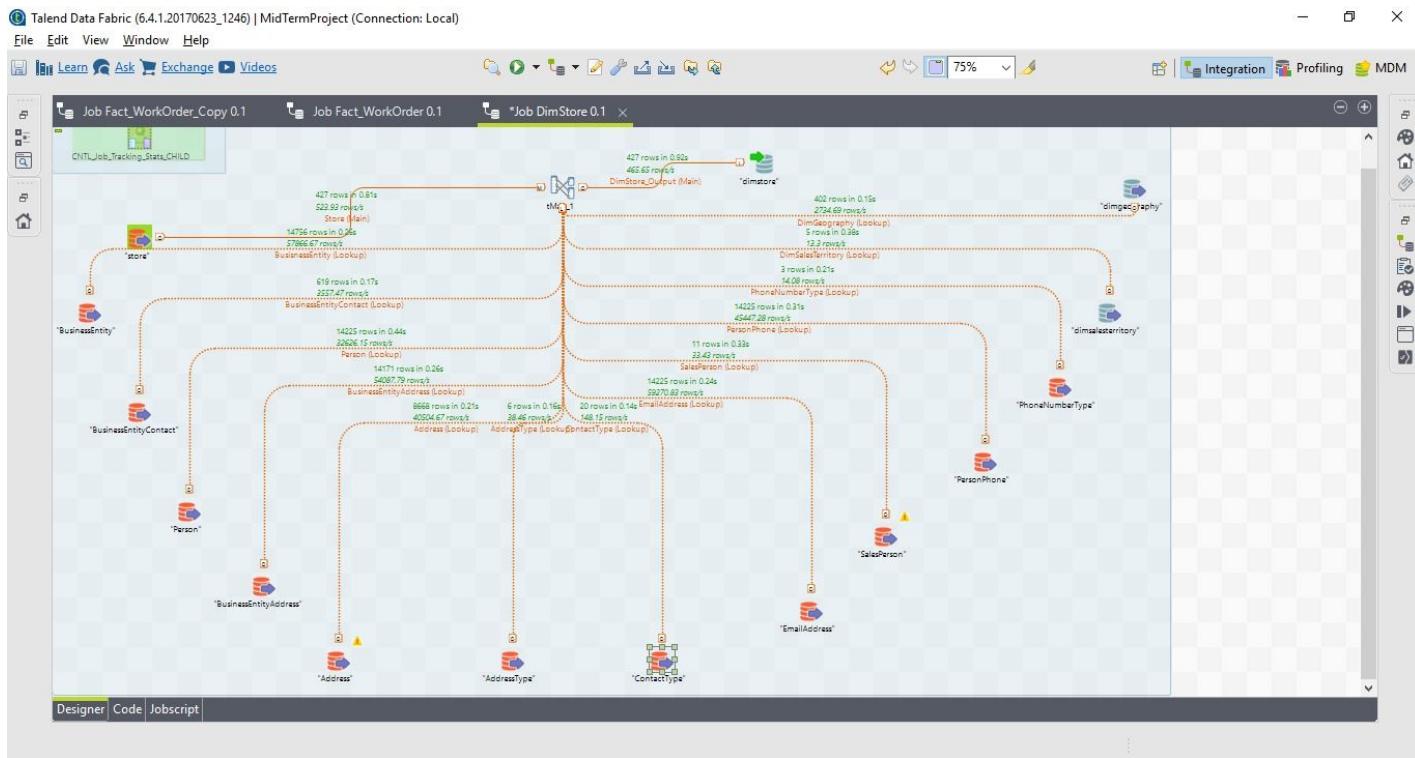
90 %

Results Messages

	ResellerSK	ResellerID	ResellerName	SalesPersonID	AddressName	AddressType	AddressLine1	AddressLine2
1	1	424	Bikes Anyone?	275	Main Office	Main Office	Ames Plaza	NULL
2	2	994	Incomparable Bicycle Store	275	Main Office	Main Office	99 Edgewater Drive	NULL
3	3	328	Purchase Mart	275	Main Office	Main Office	Wrentham Village	NULL
4	4	904	Convenient Bike Shop	275	Main Office	Main Office	Tree Plaza	NULL
5	5	728	Wholesale Bikes	275	Main Office	Main Office	58 Teed Drive	NULL
6	6	454	Tire Company	275	Main Office	Main Office	675 East Ave.	NULL
7	7	1006	Economic Parts Supply	275	Main Office	Main Office	2532 Fairgrounds Road	NULL
8	8	1904	Mobile Outlet	275	Main Office	Main Office	Walnut Hill Plaza	NULL
9	9	786	Outdoor Equipment Store	275	Main Office	Main Office	6 Cotton Road	NULL
10	10	664	Casual Bicycle Store	275	Main Office	Main Office	Westside Plaza	NULL
11	11	320	Metropolitan Sales and Rental	275	Main Office	Main Office	Granite State Marketplace	NULL
12	12	344	Retail Sales and Service	275	Main Office	Main Office	Lake Region Factory Outlet	NULL
13	13	1086	Seventh Bike Store	275	Main Office	Main Office	Stateline Plaza	NULL

Query executed successfully. | localhost (14.0 RTM) | DESKTOP-9HLGMMT\Dawn (69) | AdventureworksDW_neu | 00:00:00 | 427 rows

Talend Data Flow



Talend Output:

The screenshot shows the MySQL Workbench interface with the following details:

- Navigator:** Shows the database schema, including tables like 'adventureworksdw_neu_1', 'chonk', 'chonk_dv', 'chonkdm', 'neu_workshop', 'neu_workshops', 'sakila', 'school', 'sys', 'test', and 'world'.
- SQL Editor:** The current query is:


```
use adventureworksdw_neu_1;
select * from dimstore;
```
- Result Grid:** Displays the results of the query, showing 12 rows of data from the 'dimstore' table. The columns are:

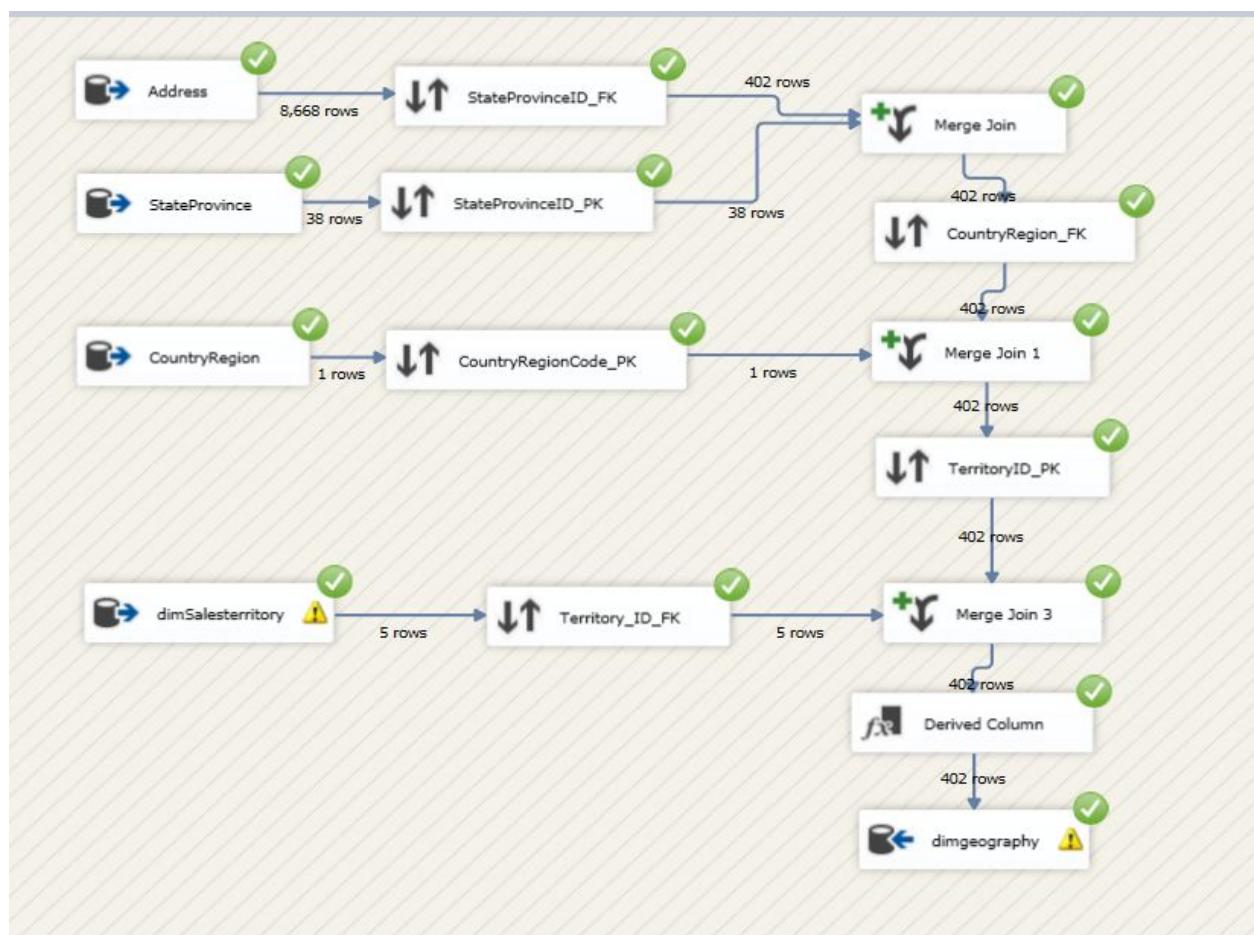
	ResellerSK	ResellerID	ResellerName	SalesPersonID	AddressName	AddressType	AddressLine1
1	292	279	Next-Door Bike Store	279	Main Office	Main Office	Mail Of Memphis
2	294	276	Professional Sales and Service	276	Main Office	Main Office	57251 Serene Blvd
3	296	277	Riders Company	277	Main Office	Main Office	Taner Factory
4	298	275	The Bike Mechanics	275	Main Office	Main Office	Johnny Appleseed Shop:center
5	302	281	Area Bike Accessories	281	Main Office	Main Office	6900 Sisk Road
6	304	283	Bicycle Accessories and Kits	283	Main Office	Main Office	Lewiston Mall
7	306	275	Clamps & Brackets Co.	275	Main Office	Main Office	Leesburg Premium Outlet Centre
8	308	277	Valley Bicycle Specialists	277	Main Office	Main Office	Blue Ridge Mall
9	310	279	New Bikes Company	279	Main Office	Main Office	Hilton Head Factory Outlets No. 25
10	316	281	Fun Toys and Bikes	281	Main Office	Main Office	6500 East Grant Road
11	318	283	Great Bikes	283	Main Office	Main Office	Eastridge Mall
12	320	275	Metropolitan Sales and Rental	275	Main Office	Main Office	Granite State Marketplace
- Output:** Shows the history of actions taken, including:
 - Action Output: # 26 15:00:39 select * from dimstore
 - Action Output: # 27 15:01:06 TRUNCATE table dimstore
 - Action Output: # 28 15:01:51 use adventureworksdw_neu_1
 - Action Output: # 29 15:01:51 select * from dimstore
 The output also includes message logs and duration information.

14) Loading DimGeography

- Tables used
 - 1. Address
 - 2. StateProvince
 - 3. CountryRegion
 - 4. DimSalesTerritory

No of row count (SSIS / Talend): 402

SSIS Data Flow



SSIS Output:

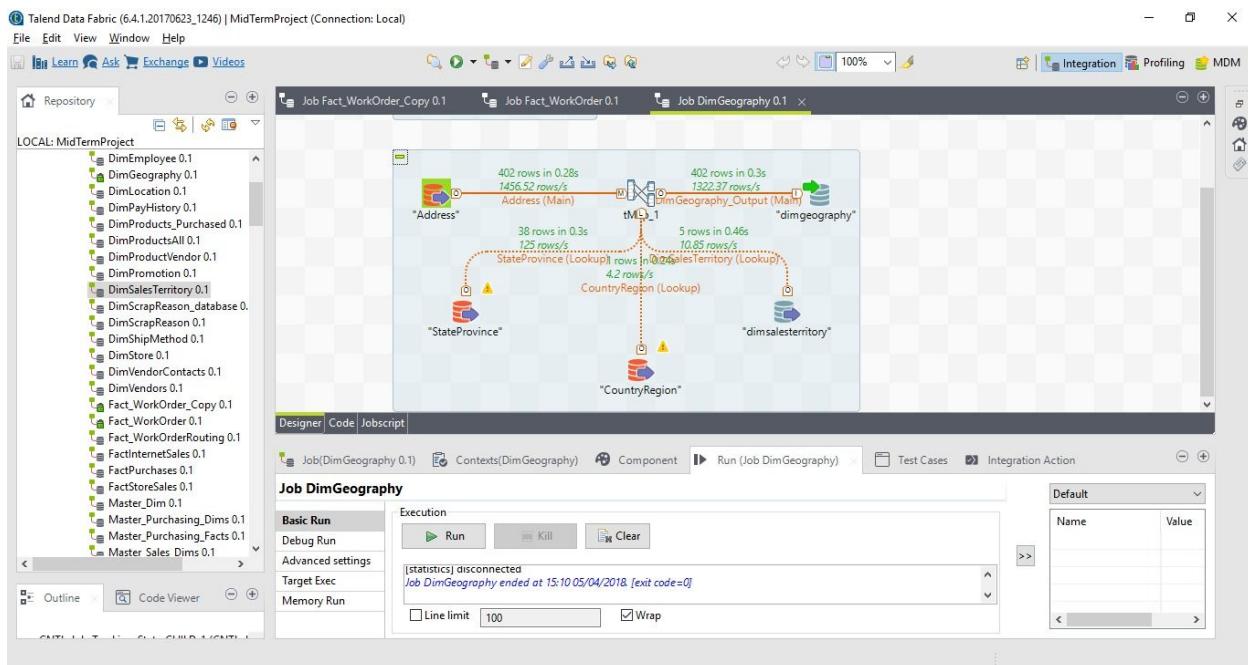
90 %

Results Messages

	GeoSK	City	StateProvinceCode	StateProvinceName	IsOnlyStateProvinceFlag	CountryRegionCode	CountryRegionName	Posta
1	1	Rock Springs	WY	Wyoming	0	US	United States	8290
2	2	Kelso	WA	Washington	0	US	United States	9862
3	3	Chehalis	WA	Washington	0	US	United States	9853
4	4	Duvall	WA	Washington	0	US	United States	9801
5	5	Edmonds	WA	Washington	0	US	United States	9802
6	6	Ellensburg	WA	Washington	0	US	United States	9892
7	7	Everett	WA	Washington	0	US	United States	9820
8	8	Kenmore	WA	Washington	0	US	United States	9802
9	9	Federal Way	WA	Washington	0	US	United States	9800
10	10	Index	WA	Washington	0	US	United States	9825
11	11	Issaquah	WA	Washington	0	US	United States	9802
12	12	Olympia	WA	Washington	0	US	United States	9850
13	13	Carnation	WA	Washington	0	US	United States	9801

Query executed successfully. | localhost (14.0 RTM) | DESKTOP-9HLGMMT\Dawn (66) | AdventureworksDW_neu | 00:00:00 | 402 rows

Talend Data Flow



Talend Output:

The screenshot shows the MySQL Workbench interface with the following details:

- Navigator:** Shows the database schema with the `adventureworksdw_neu_1` database selected.
- SQL Editor:** Displays the query: `use adventureworksdw_neu_1; select * from dimgeography;`
- Result Grid:** Shows the results of the query, listing 12 rows of geographical data:

GeoSK	City	StateProvinceCode	StateProvinceName	IsOnlyStateProvinceFlag	CountryRegionCode	CountryRegionName
1	Albenv	NY	New York	0	US	United States
2	Albenv	OR	Oregon	0	US	United States
3	Alhambra	CA	California	0	US	United States
4	Albione	CA	California	0	US	United States
5	Altadena	CA	California	0	US	United States
6	Altamonte Springs	FL	Florida	0	US	United States
7	Anacortes	WA	Washington	0	US	United States
8	Arlington	TX	Texas	0	US	United States
9	Atlanta	GA	Georgia	0	US	United States
10	Auburn	CA	California	0	US	United States
11	Augusta	GA	Georgia	0	US	United States
12	Austell	GA	Georgia	0	US	United States

- Output:** Shows the Talend job history with the following actions:

#	Time	Action	Message	Duration / Fetch
32	15:07:19	TRUNCATE table dimvendors	0 row(s) affected	0.047 sec
33	15:07:19	TRUNCATE table dimvendorcontacts	0 row(s) affected	0.015 sec
34	15:08:03	use adventureworksdw_neu_1	0 row(s) affected	0.000 sec
35	15:08:03	select *from dimgeography	402 row(s) returned	0.000 sec / 0.000 sec

15) Loading DimSalesTerritory

- **Tables used**
 1. SalesTerritory

No of row count (SSIS / Talend): 5

SSIS Data Flow



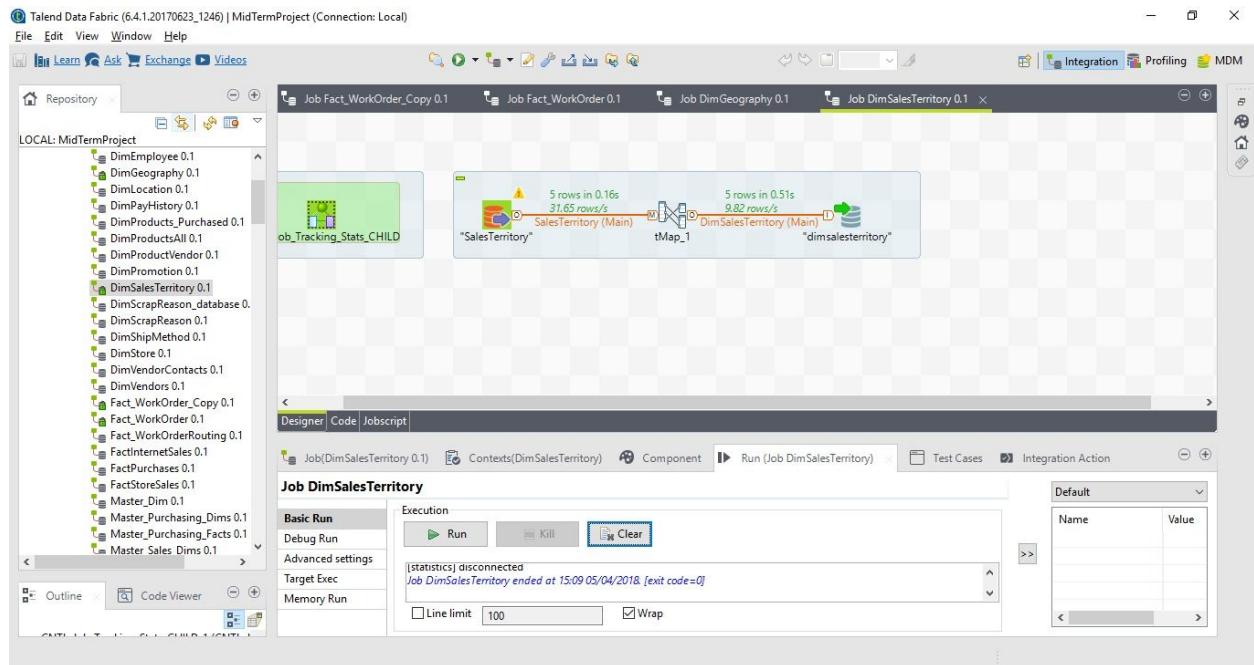
SSIS Output:

The screenshot shows the SQL Server Management Studio (SSMS) Results pane. The query executed was 'SELECT * FROM DimSalesTerritory'. The results table has the following data:

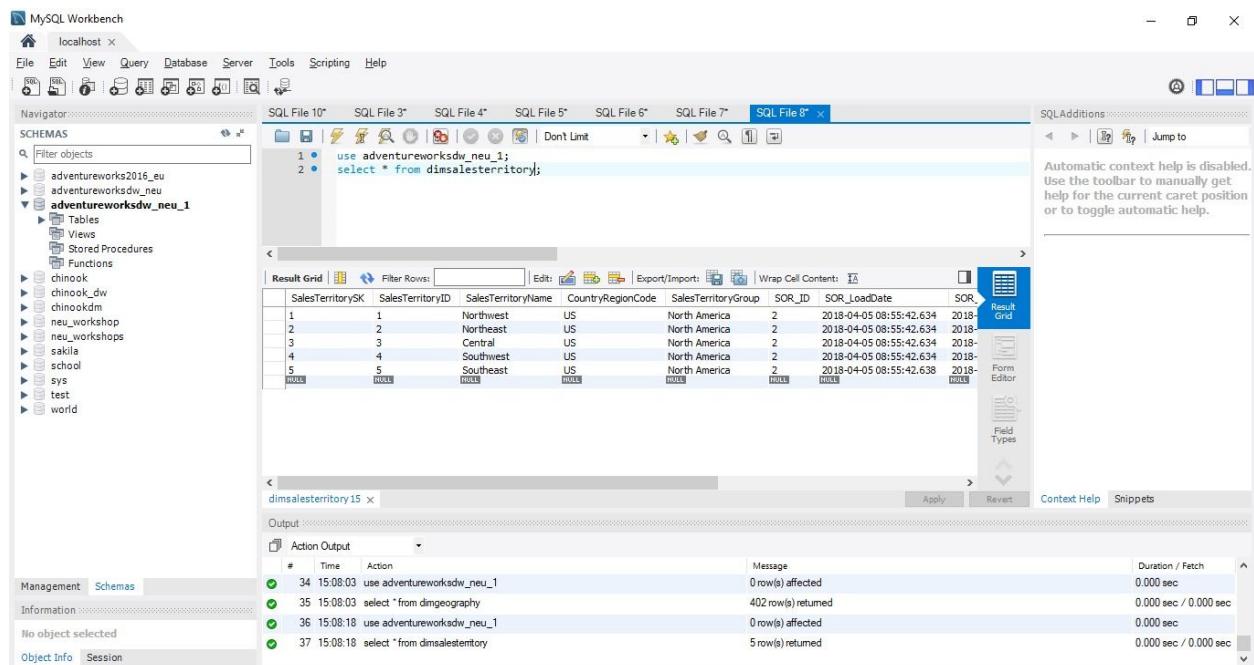
	SalesTerritorySK	SalesTerritoryID	SalesTerritoryName	CountryRegionCode	SalesTerritoryGroup	SOR_ID	SOR_LoadDate	SOR_UpdatedOn
1	1	1	Northwest	US	North America	1	2018-04-05 17:23:28.709	2018-04-05 17:23:28.709
2	2	2	Northeast	US	North America	1	2018-04-05 17:23:28.709	2018-04-05 17:23:28.709
3	3	3	Central	US	North America	1	2018-04-05 17:23:28.709	2018-04-05 17:23:28.709
4	4	4	Southwest	US	North America	1	2018-04-05 17:23:28.709	2018-04-05 17:23:28.709
5	5	5	Southeast	US	North America	1	2018-04-05 17:23:28.709	2018-04-05 17:23:28.709

At the bottom of the Results pane, a message states: 'Query executed successfully.' followed by connection information: 'localhost (14.0 RTM) | DESKTOP-9HLGMMTT\ Dawn (66) | AdventureworksDW_neu | 00:00:00 | 5 rows'.

Talend Data Flow



Talend Output:



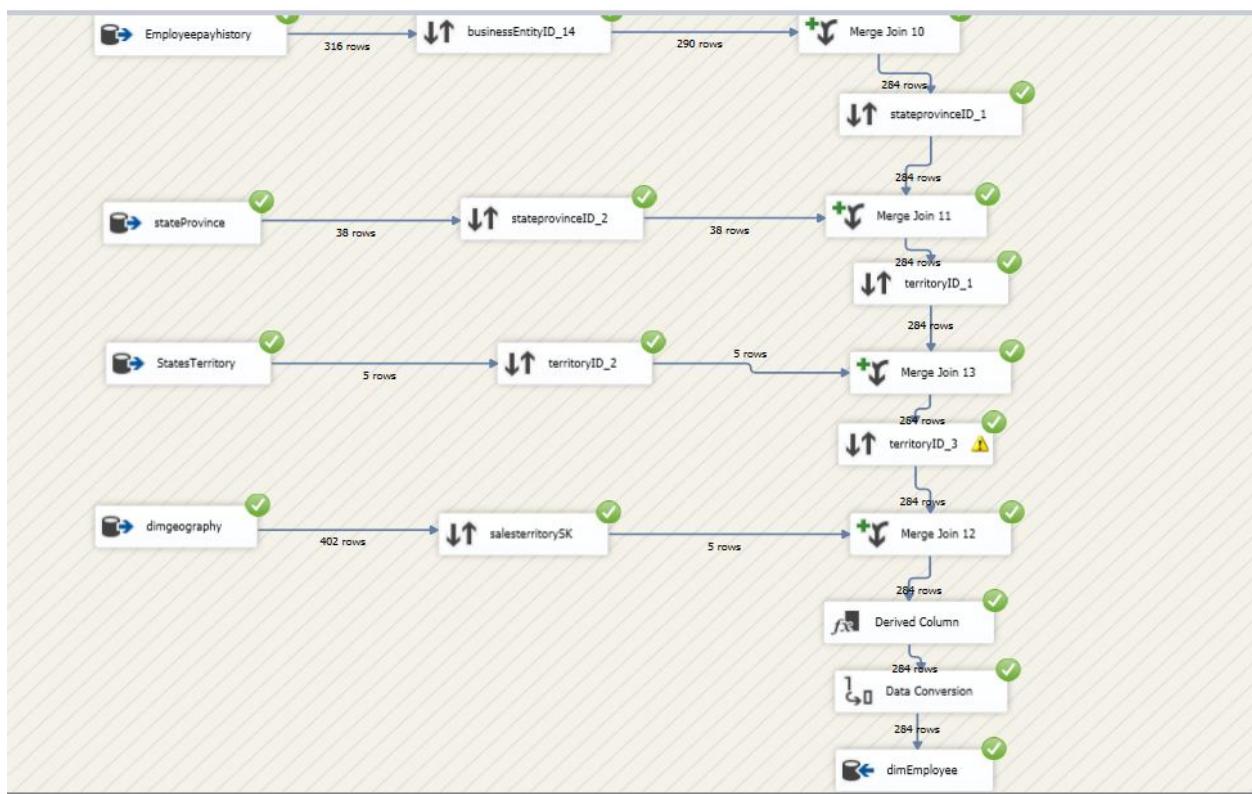
16) Loading DimEmployee

- Tables used

1. Employee
2. Employee Manager CSV
3. Address
4. AddressType
5. Email Address
6. Person Phone
7. Phone Number Type
8. Employee Pay History
9. Department
10. Employee Department History
11. DimSalesTerritory
12. DimGeography

No of row count (SSIS / Talend):

SSIS Data Flow



SSIS Output:

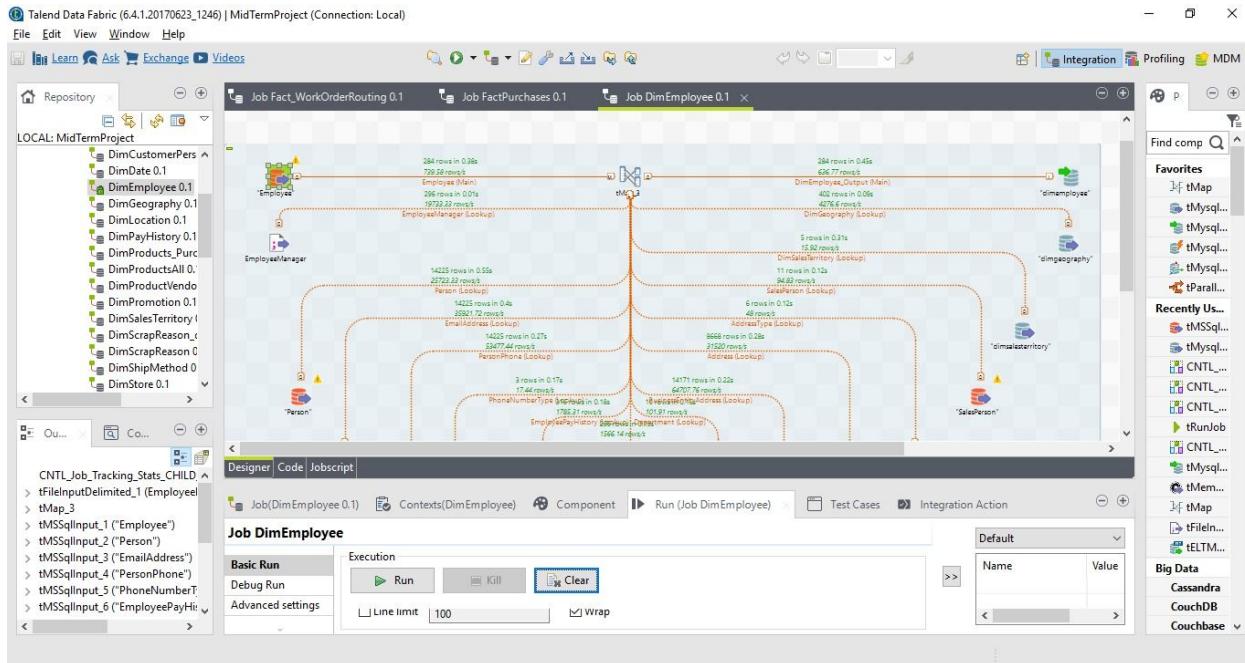
90 %

Results Messages

	EmployeeSK	BusinessEntityID	EmployeeNationalID	ManagerBusinessEntityID	ManagerEmployeeNationalID	GeoSK	SalesTerritorySK	Ad
1	1	144	886023130	NULL	NULL	28	1	13
2	2	280	61161660	NULL	NULL	28	1	63
3	3	276	191644724	NULL	NULL	28	1	24
4	4	188	435234965	NULL	NULL	28	1	39
5	5	189	187369436	NULL	NULL	28	1	45
6	6	1	295847284	NULL	NULL	28	1	43
7	7	187	713403643	NULL	NULL	28	1	19
8	8	191	399658727	NULL	NULL	28	1	77
9	9	190	456839592	NULL	NULL	28	1	68
10	10	186	551834634	NULL	NULL	28	1	97
11	11	181	545337468	NULL	NULL	28	1	17
12	12	184	305522471	NULL	NULL	28	1	39
13	13	183	969985265	NULL	NULL	28	1	71

Query executed successfully. | localhost (14.0 RTM) | DESKTOP-9HLGMMT\Dawn (66) | AdventureworksDW neu | 00:00:00 | 284 rows

Talend Data Flow



Talend Output:

The screenshot shows the MySQL Workbench interface with the following details:

- File Bar:** File, Edit, View, Query, Database, Server, Tools, Scripting, Help.
- Navigator:** Shows the database schema with the following objects:
 - adventureworks2016_eu
 - adventureworksdw_neu
 - adventureworksdw_neu_1
 - Tables
 - Views
 - Stored Procedures
 - Functions
 - adventureworksdw_neu_2
 - Tables
 - Views
 - Stored Procedures
 - Functions
 - chinook
 - chinook_dw
 - chinookdm
 - neu_workshop
 - neu_workshops
 - sakila
 - school
 - sys
 - test
 - world
- SQL Editor:** SQL File 10* tab selected, containing the following code:

```
1 use adventureworksdw_neu_2;
2 Select * from dimemployee;
```
- Result Grid:** Shows the results of the SELECT query. The columns are EmployeeSK, BusinessEntityID, EmployeeNationalID, ManagerSK, ManagerBusinessEntityID, ManagerEmployeeNationalID, GeoSK, and SalesTerritorySK. The data includes rows 1 through 13, with various values for each column.
- Output Tab:** Action Output section showing the following log entries:

#	Time	Action	Message	Duration / Fetch
9	21:56:42	Select * from dimemployee	0 row(s) returned	0.015 sec / 0.000 sec
10	21:57:05	use adventureworksdw_neu_2	0 row(s) affected	0.000 sec
11	21:57:05	Select * from dimemployee	0 row(s) returned	0.000 sec / 0.000 sec
12	21:57:13	use adventureworksdw_neu_2	0 row(s) affected	0.000 sec
13	21:57:13	Select * from dimemployee	284 row(s) returned	0.000 sec / 0.000 sec

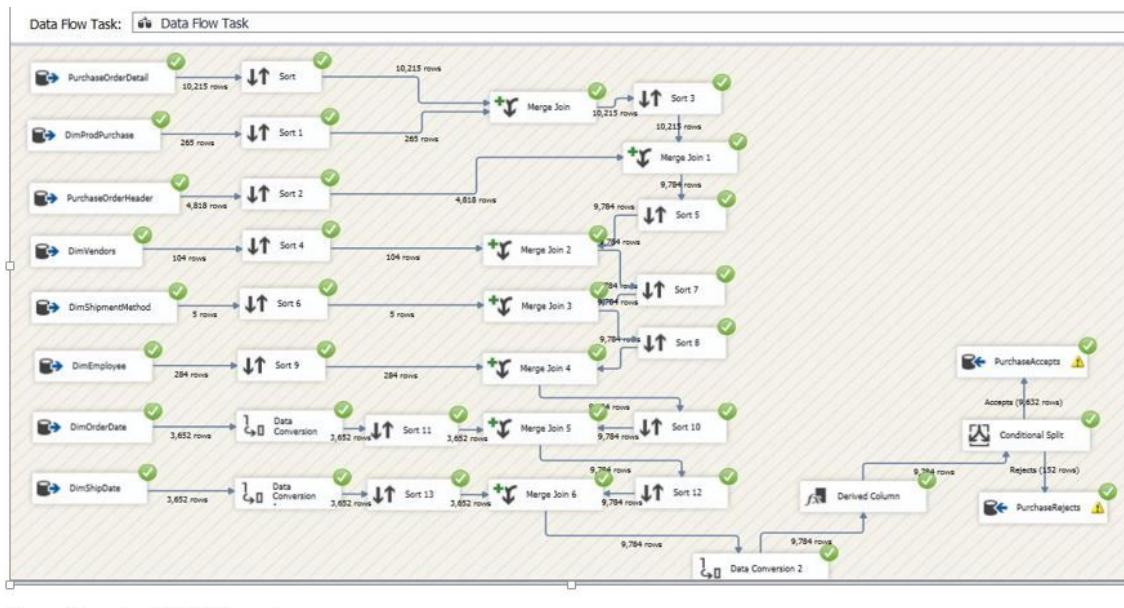
17) Loading FactPurchases

No of row count (SSIS / Talend):

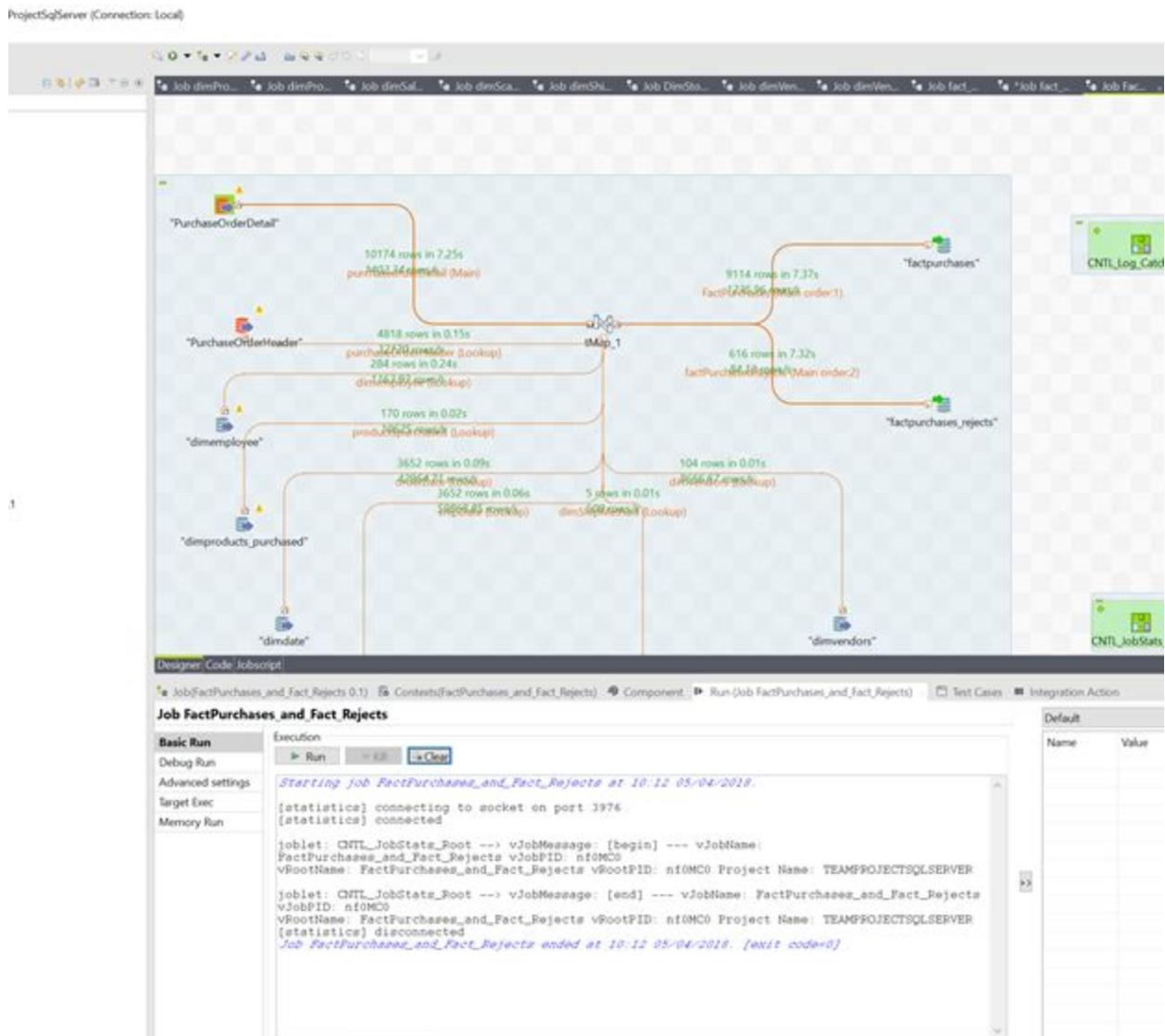
FactPurchases - 9114

FactPurchases_Rejects- 616

SSIS Data Flow



Talend Data Flow



Talend Output:

Screenshot of the Talend Output interface showing the results of a query execution.

The SQL query executed is:

```
1 * |> SELECT * FROM adventureworksDW_neu.factpurchases;
```

The results grid displays the following data:

PurchaseSK	PurchaseOrderID	PurchaseOrderDetailID	Status	EmployeeSK	VendorSK	ShipMethodSK	EmployeeID	VendorID	ShipMethodID	OrderDateSK	ShipDateSK	OrderDate	ShipDate
1	1	1	4	258	45	3	258	1580	3	20130416	20110425	2011-04-16 00:00:00.000	2011-04-
2	2	2	4	254	3	5	254	1496	3	20130416	20110425	2011-04-16 00:00:00.000	2011-04-
3	2	3	1	254	3	5	254	1496	3	20130416	20110425	2011-04-16 00:00:00.000	2011-04-
4	3	4	4	257	2	5	257	1494	2	20130416	20110425	2011-04-16 00:00:00.000	2011-04-
5	5	6	4	251	82	4	251	1654	4	20130430	20110509	2011-04-30 00:00:00.000	2011-05-
6	6	7	4	253	87	3	253	1664	3	20130430	20110509	2011-04-30 00:00:00.000	2011-05-
7	6	10007	4	253	87	3	253	1664	3	20130430	20110509	2011-04-30 00:00:00.000	2011-05-
8	7	8	4	253	94	3	253	1679	3	20130430	20110509	2011-04-30 00:00:00.000	2011-05-
9	7	9	4	253	94	3	253	1679	3	20130430	20110509	2011-04-30 00:00:00.000	2011-05-
10	7	10	4	253	94	3	253	1678	3	20130430	20110509	2011-04-30 00:00:00.000	2011-05-
11	7	10009	4	255	94	3	255	1679	3	20130430	20110509	2011-04-30 00:00:00.000	2011-05-
12	8	11	4	256	63	5	256	1616	5	20130430	20110509	2011-04-30 00:00:00.000	2011-05-
13	8	12	4	256	63	5	256	1616	5	20130430	20110509	2011-04-30 00:00:00.000	2011-05-
14	8	13	4	256	63	5	256	1616	5	20130430	20110509	2011-04-30 00:00:00.000	2011-05-
15	8	14	4	256	63	5	256	1616	5	20130430	20110509	2011-04-30 00:00:00.000	2011-05-
16	8	15	4	256	63	5	256	1616	5	20130430	20110509	2011-04-30 00:00:00.000	2011-05-
17	9	16	4	259	1	5	259	1492	5	20111214	20111223	2011-12-14 00:00:00.000	2011-12-
18	9	17	4	259	1	5	259	1492	5	20111214	20111223	2011-12-14 00:00:00.000	2011-12-
19	9	18	4	259	1	5	259	1492	5	20111214	20111223	2011-12-14 00:00:00.000	2011-12-
20	9	19	4	259	1	5	259	1492	5	20111214	20111223	2011-12-14 00:00:00.000	2011-12-
21	9	20	4	259	1	5	259	1492	5	20111214	20111223	2011-12-14 00:00:00.000	2011-12-
22	10	21	4	250	56	8	250	1602	5	20111214	20111223	2011-12-14 00:00:00.000	2011-12-
23	10	22	4	250	56	8	250	1602	5	20111214	20111223	2011-12-14 00:00:00.000	2011-12-
24	10	23	4	250	56	5	250	1602	5	20111214	20111223	2011-12-14 00:00:00.000	2011-12-
25	11	24	4	258	25	4	258	1540	4	20111214	20111223	2011-12-14 00:00:00.000	2011-12-
26	11	25	4	258	25	4	258	1540	4	20111214	20111223	2011-12-14 00:00:00.000	2011-12-
27	11	26	4	258	25	4	258	1540	4	20111214	20111223	2011-12-14 00:00:00.000	2011-12-
28	11	27	4	258	25	4	258	1540	4	20111214	20111223	2011-12-14 00:00:00.000	2011-12-

The output pane shows the following log entries:

- 10:01:04 Action Output: 156 row(s) returned
- 10:03:10 SELECT * FROM adventureworksDW_neu.dimvendorcontacts: 71862 row(s) returned
- 12:03:40 SELECT * FROM adventureworksDW_neu.dim_fact_wkorder_rejects: 729 row(s) returned
- 13:10:03:03 SELECT * FROM adventureworksDW_neu.dim_fact_wkorderrouting: 66748 row(s) returned
- 14:10:09:05 SELECT * FROM adventureworksDW_neu.dim_fact_wkorderrouting_rejects: 383 row(s) returned
- 15:10:13:17 SELECT * FROM adventureworksDW_neu.factpurchases: 9114 row(s) returned

18) Loading FactWorkOrderRouting

No of row count (SSIS / Talend):

FactPurchases - 42384

FactPurchases_Rejects- 241

SSIS Data Flow



SSIS Output:

90 %

Results Messages

	WorkOrderSK	ProductSK	OperationSequence	LocationSK	ScheduledStartDate	ScheduledEndDate	ActualStartDate
1	1	409	7	14	2011-06-04 00:00:00.000	2011-06-15 00:00:00.000	2011-06-09 00:00:00.000
2	2	378	6	13	2011-06-04 00:00:00.000	2011-06-15 00:00:00.000	2011-06-09 00:00:00.000
3	3	397	6	13	2011-06-04 00:00:00.000	2011-06-15 00:00:00.000	2011-06-09 00:00:00.000
4	4	338	6	13	2011-06-04 00:00:00.000	2011-06-15 00:00:00.000	2011-06-09 00:00:00.000
5	5	401	6	13	2011-06-04 00:00:00.000	2011-06-15 00:00:00.000	2011-06-09 00:00:00.000
6	6	264	7	14	2011-06-04 00:00:00.000	2011-06-15 00:00:00.000	2011-06-09 00:00:00.000
7	7	283	7	14	2011-06-04 00:00:00.000	2011-06-15 00:00:00.000	2011-06-09 00:00:00.000
8	8	350	6	13	2011-06-04 00:00:00.000	2011-06-15 00:00:00.000	2011-06-09 00:00:00.000
9	9	340	6	13	2011-06-04 00:00:00.000	2011-06-15 00:00:00.000	2011-06-09 00:00:00.000
10	10	376	6	13	2011-06-04 00:00:00.000	2011-06-15 00:00:00.000	2011-06-09 00:00:00.000
11	11	381	6	13	2011-06-04 00:00:00.000	2011-06-15 00:00:00.000	2011-06-09 00:00:00.000
12	12	351	6	13	2011-06-04 00:00:00.000	2011-06-15 00:00:00.000	2011-06-09 00:00:00.000
13	13	398	6	13	2011-06-04 00:00:00.000	2011-06-15 00:00:00.000	2011-06-09 00:00:00.000

Query executed successfully. | localhost (14.0 RTM) | DESKTOP-9HLGMMTT\ Dawn (69) | AdventureworksDW_neu | 00:00:00 | 42384 rows

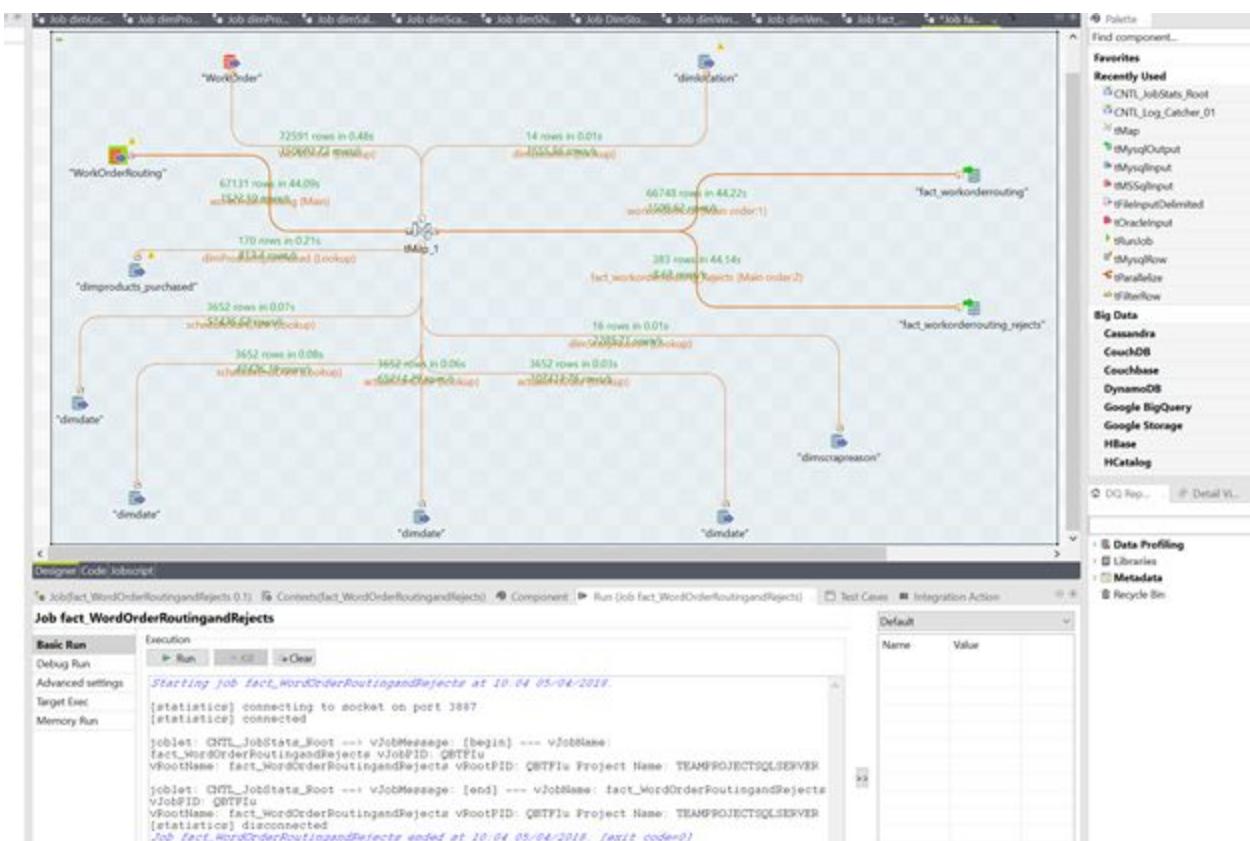
90 %

Results Messages

	WorkOrderSK	ProductSK	OperationSequence	LocationSK	ScheduledStartDate	ScheduledEndDate	ActualStartDate
1	1	398	2	9	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-03 00:00:00.000
2	2	402	6	13	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-03 00:00:00.000
3	3	196	7	14	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-03 00:00:00.000
4	4	378	6	13	2011-07-04 00:00:00.000	2011-07-15 00:00:00.000	2011-07-04 00:00:00.000
5	5	191	7	14	2011-07-04 00:00:00.000	2011-07-15 00:00:00.000	2011-07-04 00:00:00.000
6	6	376	6	13	2011-07-04 00:00:00.000	2011-07-15 00:00:00.000	2011-07-04 00:00:00.000
7	7	382	6	13	2011-08-04 00:00:00.000	2011-08-15 00:00:00.000	2011-08-04 00:00:00.000
8	8	401	6	13	2011-08-04 00:00:00.000	2011-08-15 00:00:00.000	2011-08-04 00:00:00.000
9	9	388	6	13	2011-08-04 00:00:00.000	2011-08-15 00:00:00.000	2011-08-04 00:00:00.000
10	10	377	6	13	2011-08-04 00:00:00.000	2011-08-15 00:00:00.000	2011-08-04 00:00:00.000
11	11	407	6	13	2011-08-04 00:00:00.000	2011-08-15 00:00:00.000	2011-08-04 00:00:00.000
12	12	398	6	13	2011-09-03 00:00:00.000	2011-09-14 00:00:00.000	2011-09-03 00:00:00.000
13	13	402	6	13	2011-09-03 00:00:00.000	2011-09-14 00:00:00.000	2011-09-03 00:00:00.000

Query executed successfully. | localhost (14.0 RTM) | DESKTOP-9HLGMMTT\ Dawn (69) | AdventureworksDW_neu | 00:00:00 | 241 rows

Talend Data Flow



Talend Output:

1 • `SELECT * FROM adventureworksdw_neu.fact_workorderrouting_rejects;`

Result Grid | Filter Rows: [] Edit: [] Export/Import: [] Wrap Cell Content: []

cTSK	OperatorSequence	LocationSK	ScheduledStartDate	ScheduledEndDate	ActualStartDate	ActualEndDate	ScheduledStartDateSK	ScheduledEndDateSK	ActualStartDateSK
6	13	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-03 00:00:00.000	2011-06-19 00:00:00.000	2011-06-03 00:00:00.000	20110603	20110614	20110603
7	14	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-03 00:00:00.000	2011-06-19 00:00:00.000	2011-06-03 00:00:00.000	20110603	20110614	20110603
1	8	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-03 00:00:00.000	2011-06-19 00:00:00.000	2011-06-03 00:00:00.000	20110603	20110614	20110603
2	9	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-03 00:00:00.000	2011-06-19 00:00:00.000	2011-06-03 00:00:00.000	20110603	20110614	20110603
6	13	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-03 00:00:00.000	2011-06-19 00:00:00.000	2011-06-03 00:00:00.000	20110603	20110614	20110603
6	13	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-03 00:00:00.000	2011-06-19 00:00:00.000	2011-06-03 00:00:00.000	20110603	20110614	20110603
6	13	2011-07-04 00:00:00.000	2011-07-15 00:00:00.000	2011-07-04 00:00:00.000	2011-07-20 00:00:00.000	2011-07-04 00:00:00.000	20110704	20110715	20110704
7	14	2011-07-04 00:00:00.000	2011-07-15 00:00:00.000	2011-07-04 00:00:00.000	2011-07-20 00:00:00.000	2011-07-04 00:00:00.000	20110704	20110715	20110704
1	8	2011-07-04 00:00:00.000	2011-07-15 00:00:00.000	2011-07-04 00:00:00.000	2011-07-20 00:00:00.000	2011-07-04 00:00:00.000	20110704	20110715	20110704
6	13	2011-07-04 00:00:00.000	2011-07-15 00:00:00.000	2011-07-04 00:00:00.000	2011-07-20 00:00:00.000	2011-07-04 00:00:00.000	20110704	20110715	20110704
1	8	2011-07-04 00:00:00.000	2011-07-15 00:00:00.000	2011-07-04 00:00:00.000	2011-07-20 00:00:00.000	2011-07-04 00:00:00.000	20110704	20110715	20110704
6	13	2011-07-04 00:00:00.000	2011-07-15 00:00:00.000	2011-07-04 00:00:00.000	2011-07-20 00:00:00.000	2011-07-04 00:00:00.000	20110704	20110715	20110704
6	13	2011-08-04 00:00:00.000	2011-08-15 00:00:00.000	2011-08-04 00:00:00.000	2011-08-20 00:00:00.000	2011-08-04 00:00:00.000	20110804	20110815	20110804
1	8	2011-08-04 00:00:00.000	2011-08-15 00:00:00.000	2011-08-04 00:00:00.000	2011-08-20 00:00:00.000	2011-08-04 00:00:00.000	20110804	20110815	20110804
2	9	2011-08-04 00:00:00.000	2011-08-15 00:00:00.000	2011-08-04 00:00:00.000	2011-08-20 00:00:00.000	2011-08-04 00:00:00.000	20110804	20110815	20110804
6	13	2011-08-04 00:00:00.000	2011-08-15 00:00:00.000	2011-08-04 00:00:00.000	2011-08-20 00:00:00.000	2011-08-04 00:00:00.000	20110804	20110815	20110804
6	13	2011-08-04 00:00:00.000	2011-08-15 00:00:00.000	2011-08-04 00:00:00.000	2011-08-20 00:00:00.000	2011-08-04 00:00:00.000	20110804	20110815	20110804
6	13	2011-08-04 00:00:00.000	2011-08-15 00:00:00.000	2011-08-04 00:00:00.000	2011-08-20 00:00:00.000	2011-08-04 00:00:00.000	20110804	20110815	20110804
6	13	2011-09-03 00:00:00.000	2011-09-14 00:00:00.000	2011-09-03 00:00:00.000	2011-09-19 00:00:00.000	2011-09-03 00:00:00.000	20110903	20110914	20110903
7	14	2011-09-03 00:00:00.000	2011-09-14 00:00:00.000	2011-09-03 00:00:00.000	2011-09-19 00:00:00.000	2011-09-03 00:00:00.000	20110903	20110914	20110903
1	8	2011-09-03 00:00:00.000	2011-09-14 00:00:00.000	2011-09-03 00:00:00.000	2011-09-19 00:00:00.000	2011-09-03 00:00:00.000	20110903	20110914	20110903
2	9	2011-09-03 00:00:00.000	2011-09-14 00:00:00.000	2011-09-03 00:00:00.000	2011-09-19 00:00:00.000	2011-09-03 00:00:00.000	20110903	20110914	20110903
6	13	2011-09-03 00:00:00.000	2011-09-14 00:00:00.000	2011-09-03 00:00:00.000	2011-09-19 00:00:00.000	2011-09-03 00:00:00.000	20110903	20110914	20110903
6	13	2011-09-03 00:00:00.000	2011-09-14 00:00:00.000	2011-09-03 00:00:00.000	2011-09-19 00:00:00.000	2011-09-03 00:00:00.000	20110903	20110914	20110903
7	14	2011-10-04 00:00:00.000	2011-10-15 00:00:00.000	2011-10-04 00:00:00.000	2011-10-20 00:00:00.000	2011-10-04 00:00:00.000	20111004	20111015	20111004
7	14	2011-10-04 00:00:00.000	2011-10-15 00:00:00.000	2011-10-04 00:00:00.000	2011-10-20 00:00:00.000	2011-10-04 00:00:00.000	20111004	20111015	20111004

using_rejects.t_s

Output

Action Output

- # Time Action Message
- 9 10:00:16 SELECT * FROM adventureworksdw_neu.dimvendors 104 row(s) returned
- 10 10:01:04 SELECT * FROM adventureworksdw_neu.dimvendorcontacts 156 row(s) returned
- 11 10:03:10 SELECT * FROM adventureworksdw_neu.fact_workorder 7182 row(s) returned
- 12 10:03:40 SELECT * FROM adventureworksdw_neu.fact_workorder_rejects 729 row(s) returned
- 13 10:08:01 SELECT * FROM adventureworksdw_neu.fact_workorderrouting 66748 row(s) returned
- 14 10:09:05 SELECT * FROM adventureworksdw_neu.fact_workorderrouting_rejects 383 row(s) returned

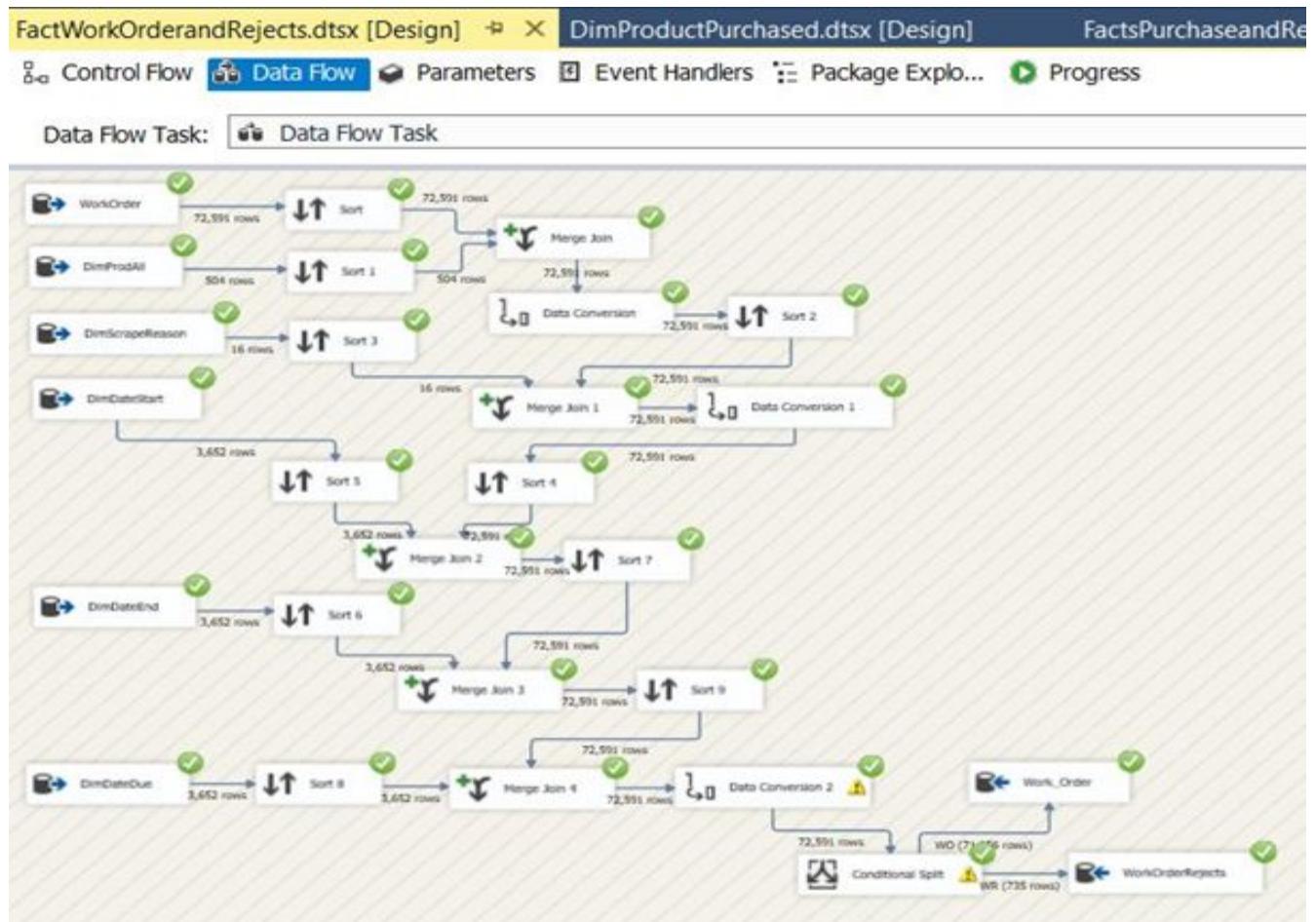
19) Loading FactWorkOrder

No of row count (SSIS / Talend):

FactWorkOrder - 71856

FactWorkOrder_Rejects- 735

SSIS Data Flow



SSIS OUTPUT:

90 %

Results Messages

	WorkOrderSK	WorkOrderId	ProductSK	OrderQty	StockedQty	ScrappedQty	StartDate	EndDate	DueDate
1	1	46	308	11	11	0	2011-06-03 00:00:00.000	2011-06-13 00:00:00.000	2011-06-13 00:00:00.000
2	2	97	204	460	460	0	2011-06-03 00:00:00.000	2011-06-13 00:00:00.000	2011-06-13 00:00:00.000
3	3	95	79	448	448	0	2011-06-03 00:00:00.000	2011-06-13 00:00:00.000	2011-06-13 00:00:00.000
4	4	12	422	1	1	0	2011-06-03 00:00:00.000	2011-06-13 00:00:00.000	2011-06-13 00:00:00.000
5	5	4	324	16	16	0	2011-06-03 00:00:00.000	2011-06-13 00:00:00.000	2011-06-13 00:00:00.000
6	6	88	5	4600	4600	0	2011-06-03 00:00:00.000	2011-06-13 00:00:00.000	2011-06-13 00:00:00.000
7	7	56	421	11	11	0	2011-06-03 00:00:00.000	2011-06-13 00:00:00.000	2011-06-13 00:00:00.000
8	8	6	372	16	16	0	2011-06-03 00:00:00.000	2011-06-13 00:00:00.000	2011-06-13 00:00:00.000
9	9	5	373	14	14	0	2011-06-03 00:00:00.000	2011-06-13 00:00:00.000	2011-06-13 00:00:00.000
10	10	61	436	7	7	0	2011-06-03 00:00:00.000	2011-06-13 00:00:00.000	2011-06-13 00:00:00.000
11	11	48	332	44	44	0	2011-06-03 00:00:00.000	2011-06-13 00:00:00.000	2011-06-13 00:00:00.000
12	12	11	437	1	1	0	2011-06-03 00:00:00.000	2011-06-13 00:00:00.000	2011-06-13 00:00:00.000
13	13	93	77	460	460	0	2011-06-03 00:00:00.000	2011-06-13 00:00:00.000	2011-06-13 00:00:00.000

Query executed successfully. | localhost (14.0 RTM) | DESKTOP-9HLGMTT\ Dawn (69) | AdventureworksDW_neu | 00:00:01 | 71856 rows

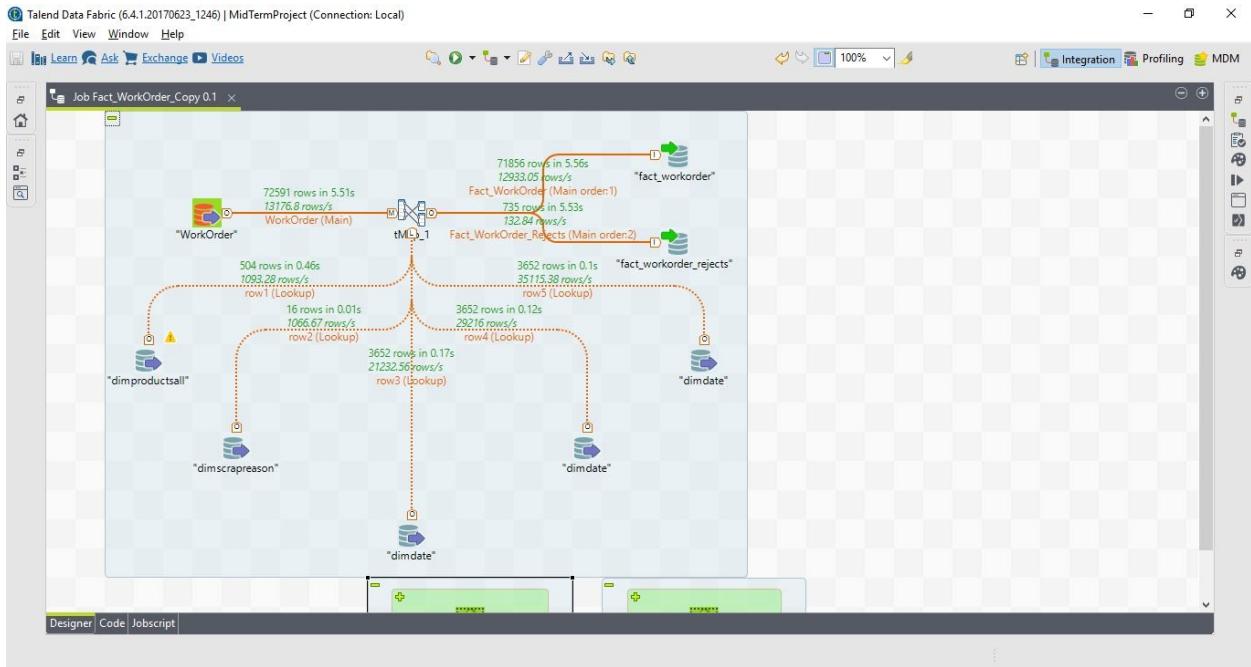
90 %

Results Messages

	WorkOrderSK	WorkOrderId	ProductSK	OrderQty	StockedQty	ScrappedQty	StartDate	EndDate	DueDate
1	1	91	18	240	236	4	2011-06-03 00:00:00.000	2011-06-13 00:00:00.000	2011-06-13 00:00:00.000
2	2	85	402	224	220	4	2011-06-03 00:00:00.000	2011-06-19 00:00:00.000	2011-06-19 00:00:00.000
3	3	41	196	98	97	1	2011-06-03 00:00:00.000	2011-06-19 00:00:00.000	2011-06-19 00:00:00.000
4	4	69	398	120	117	3	2011-06-03 00:00:00.000	2011-06-19 00:00:00.000	2011-06-19 00:00:00.000
5	5	496	5	40	39	1	2011-06-14 00:00:00.000	2011-06-24 00:00:00.000	2011-06-24 00:00:00.000
6	6	1026	5	50	49	1	2011-06-28 00:00:00.000	2011-07-08 00:00:00.000	2011-07-08 00:00:00.000
7	7	1316	321	72	70	2	2011-07-04 00:00:00.000	2011-07-14 00:00:00.000	2011-07-14 00:00:00.000
8	8	1352	17	1431	1389	42	2011-07-04 00:00:00.000	2011-07-14 00:00:00.000	2011-07-14 00:00:00.000
9	9	1325	438	62	61	1	2011-07-04 00:00:00.000	2011-07-14 00:00:00.000	2011-07-14 00:00:00.000
10	10	1358	99	1418	1376	42	2011-07-04 00:00:00.000	2011-07-14 00:00:00.000	2011-07-14 00:00:00.000
11	11	1365	378	635	623	12	2011-07-04 00:00:00.000	2011-07-20 00:00:00.000	2011-07-20 00:00:00.000
12	12	1302	191	423	411	12	2011-07-04 00:00:00.000	2011-07-20 00:00:00.000	2011-07-20 00:00:00.000
13	13	1344	376	1132	1111	21	2011-07-04 00:00:00.000	2011-07-20 00:00:00.000	2011-07-20 00:00:00.000

Query executed successfully. | localhost (14.0 RTM) | DESKTOP-9HLGMTT\ Dawn (69) | AdventureworksDW_neu | 00:00:00 | 735 rows

Talend Data Flow



Talend Output:

The screenshot shows the MySQL Workbench interface. The top menu bar includes File, Edit, View, Query, Database, Server, Tools, Scripting, Help, and a toolbar with various icons. The left sidebar, titled 'Navigator', shows the database structure under 'SCHEMAS'. It lists several databases, with 'adventureworksdw_neu_2' expanded to show its tables ('Tables', 'Views', 'Stored Procedures', 'Functions'). Below this, other databases like 'chinook', 'chinook_dw', 'chinookdm', 'neu_workshop', 'neu_workshops', 'sakila', 'school', 'sys', 'test', and 'world' are listed. The main workspace contains five tabs: 'SQL File 3*', 'SQL File 4*', 'SQL File 5*', 'SQL File 6*', 'SQL File 7*', and 'SQL File 10*' (the active tab). The SQL file 10 tab contains the following code:

```
use adventureworksdw_neu_2;
Select * from fact_workorder;
```

Below the tabs is a result grid for the 'fact_workorder' table. The columns are: WorkOrderSK, WorkOrderId, ProductSK, OrderQty, StockedQty, ScrappedQty, WorkOrder_StartDateSK, WorkOrder_EndDateSK, and WorkOrc. The data shows 13 rows of workorder details. To the right of the result grid are three buttons: 'Result Grid' (selected), 'Form Editor', and 'Field Types'. The bottom of the workspace shows the output of the executed queries, indicating 0 rows affected for the first query and 71856 row(s) returned for the second. The bottom right corner shows the duration of 0.000 sec / 0.422 sec.

MySQL Workbench

localhost

File Edit View Query Database Server Tools Scripting Help

Navigator

Schemas

adventureworks2016_eu
adventureworksdw_neu
adventureworksdw_neu_1
adventureworksdw_neu_2

Tables
Views
Stored Procedures
Functions

adventureworksdw_neu_2

Tables
Views
Stored Procedures
Functions

chinook
chinook_dw
chinookdm
neu_workshop
neu_workshops

sakila
school
sys
test
world

SQL File 3* SQL File 4* SQL File 5* SQL File 6* SQL File 7* SQL File 10* ×

1 • use adventureworksdw_neu_2;
2 • Select * from fact_workorder_rejects;

Result Grid Filter Rows: Edit Export/Import: Wrap Cell Content: Result Grid Form Editor Field Types

RejectWorkOrderRoutingSK	WorkOrderSK	WorkOrderID	ProductSK	OrderQty	StockedQty	ScrappedQty	WorkOrder_StartDateSK
1	0	41	191	98	97	1	20110603
2	0	69	315	120	117	3	20110603
3	0	85	499	224	220	4	20110603
4	0	91	17	240	236	4	20110603
5	0	496	3	40	39	1	20110614
6	0	1026	3	50	49	1	20110628
7	0	1302	190	423	411	12	20110704
8	0	1316	238	72	70	2	20110704
9	0	1325	249	62	61	1	20110704
10	0	1344	450	1132	1111	21	20110704
11	0	1352	16	1431	1389	42	20110704
12	0	1358	80	1418	1376	42	20110704
13	0	1365	309	635	623	12	20110704
14	0	1366	9	en	an	4	20110704

fact_workorder_rejects 2 ×

Output

Action Output

- 1 21:28:10 use adventureworksdw_neu_2 Message 0 row(s) affected Duration / Fetch 0.000 sec
- 2 21:28:10 Select * from fact_workorder 71856 row(s) returned 0.000 sec / 0.422 sec
- 3 21:28:42 use adventureworksdw_neu_2 0 row(s) affected 0.000 sec
- 4 21:28:42 Select * from fact_workorder_rejects 735 row(s) returned 0.000 sec / 0.015 sec

Management Schemas Information No object selected Object Info Session

TALEND CONTROL FLOW

