

IST 722 - Data Warehouse

Homework Assignment 7

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Topic: ETL Part 2 Data Loading

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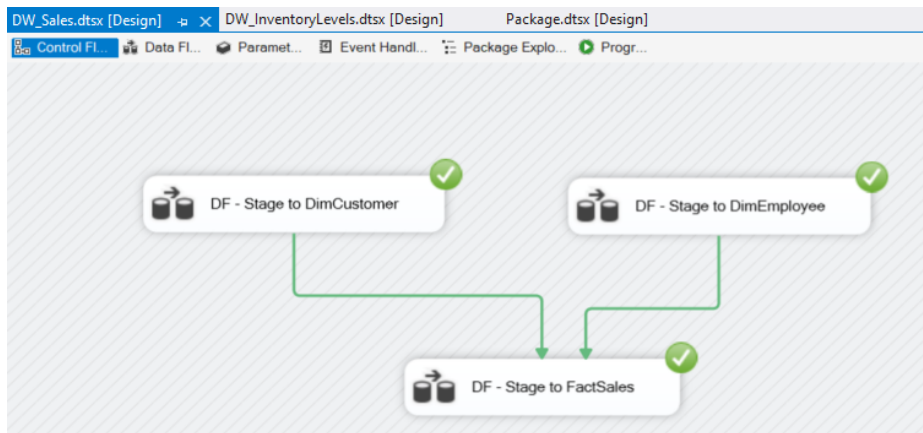
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1 ETL Northwind Sales data mart

Deliverable - Screenshots of Part 3, ETL for Northwinds Sales Reporting data mart.

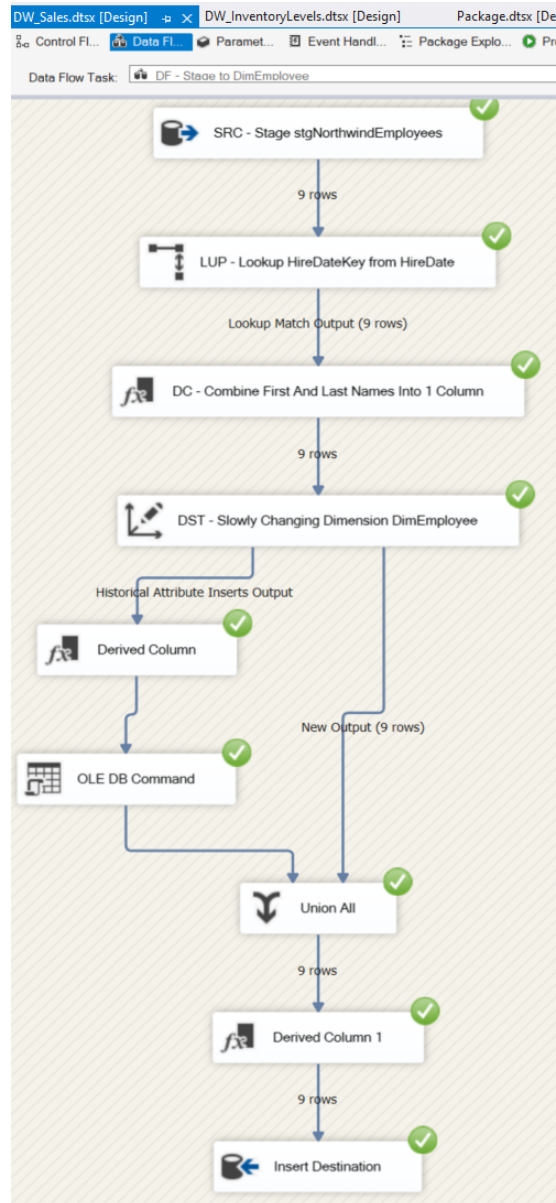
1.1 DW_Sales.dtsx - Control Flow - Screen Print



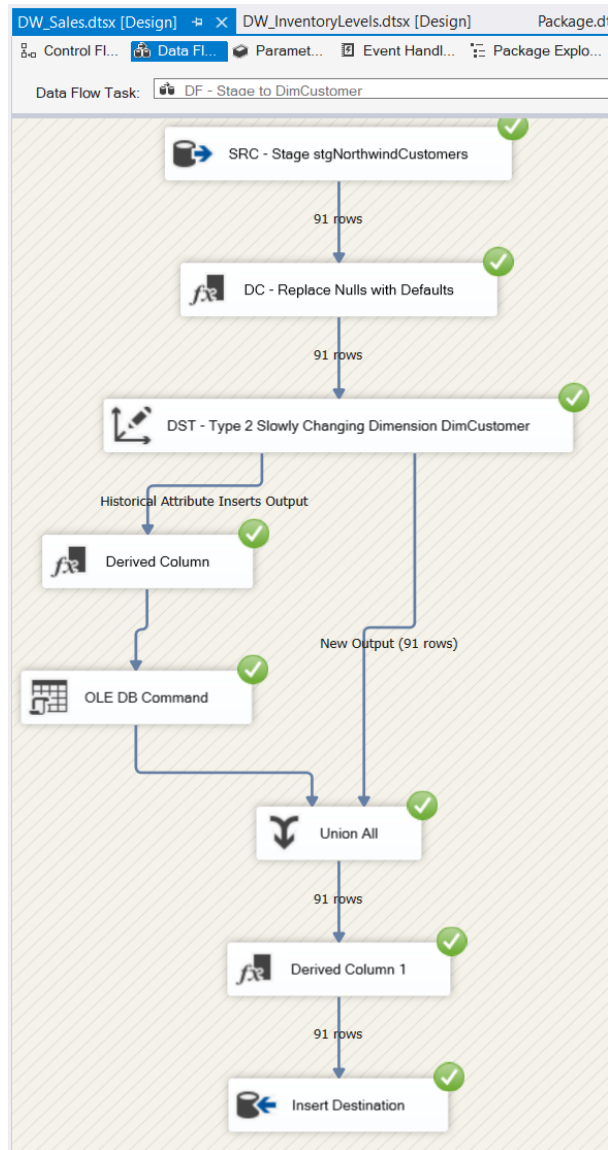
1.1.1 Data Flow - Stage to FactSales



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1.1.2 Data Flow - Stage to DimEmployee

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1.1.3 Data Flow - Stage to DimCustomer

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1.1.4 SQL Server - ist722_rtimbroo_dw Screen Prints

SQLQuery5.sql - ist-cs-dw1.ad.syr.edu.ist722_rtimbroo_dw (DESKTOP-I85HPT5\vt310 (70)) - Microsoft SQL Server Management Studio

Script for SelectTopNRows command from SSMS

```

SELECT [ProductKey]
, [OrderID]
, [CustomerKey]
, [EmployeeKey]
, [OrderDateKey]
, [ShippedDateKey]
, [Quantity]
, [ExtendedPriceAmount]
, [DiscountAmount]
, [SoldAmount]
, [OrderToShippedLagInDays]
FROM [ist722_rtimbroo_dw].[northwind].[FactSales]

```

Results

	ProductKey	OrderID	CustomerKey	EmployeeKey	OrderDateKey	ShippedDateKey	Quantity	ExtendedPriceAmount	DiscountAmount	SoldAmount
1	1	10285	63	1	19960820	19960826	45	648.0000	129.6000	518.400
2	1	10294	65	4	19960830	19960905	18	259.2000	0.0000	259.200
3	1	10317	48	6	19960930	19961010	20	288.0000	0.0000	288.000
4	1	10348	86	4	19961107	19961115	15	216.0000	32.4000	183.600
5	1	10354	58	8	19961114	19961120	12	172.8000	0.0000	172.800
6	1	10370	14	6	19961203	19961227	15	216.0000	32.4000	183.600
7	1	10406	62	7	19970107	19970113	10	144.0000	0.0000	144.000
8	1	10413	41	3	19970114	19970116	24	345.6000	0.0000	345.600
9	1	10477	60	5	19970317	19970325	15	216.0000	0.0000	216.000
10	1	10522	44	4	19970430	19970506	40	720.0000	144.0000	576.000
11	1	10526	87	4	19970505	19970515	8	144.0000	21.6000	122.400
12	1	10576	80	3	19970623	19970630	10	180.0000	0.0000	180.000
13	1	10590	51	4	19970707	19970714	20	360.0000	0.0000	360.000
14	1	10609	18	7	19970724	19970730	3	54.0000	0.0000	54.0000
15	1	10611	91	6	19970725	19970801	6	108.0000	0.0000	108.000
16	1	10628	7	4	19970812	19970820	25	450.0000	0.0000	450.000
17	1	10646	37	9	19970827	19970903	15	270.0000	67.5000	202.500
18	1	10689	5	1	19971001	19971007	35	630.0000	157.5000	472.500
19	1	10691	63	2	19971003	19971022	30	540.0000	0.0000	540.000
20	1	10700	71	3	19971010	19971016	5	90.0000	18.0000	72.0000
21	1	10729	47	8	19971104	19971114	50	900.0000	0.0000	900.000
22	1	10752	53	2	19971124	19971128	8	144.0000	0.0000	144.000
23	1	10838	47	3	19980119	19980123	4	72.0000	18.0000	54.0000

Query executed successfully. ist-cs-dw1.ad.syr.edu (12.0... DESKTOP-I85HPT5\vt310 ... ist722_rtimbroo_dw 00:00:00 2,155 rows

1.1.5 Container Package - Run All

