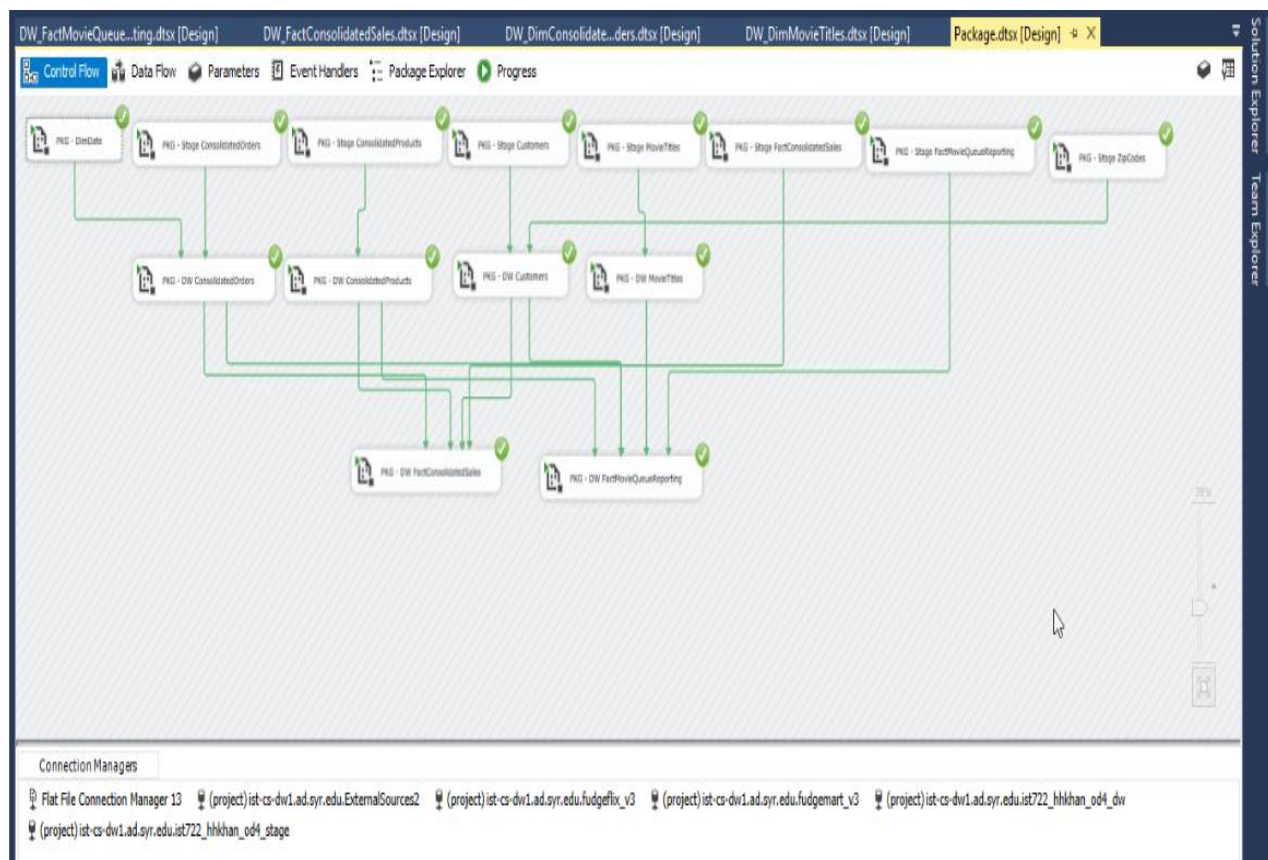# IST 722 – Final Project – ETL Documentation

# Group 4: Haley Brown, Rebecca Karunakaran, Kyle Wojtaszek
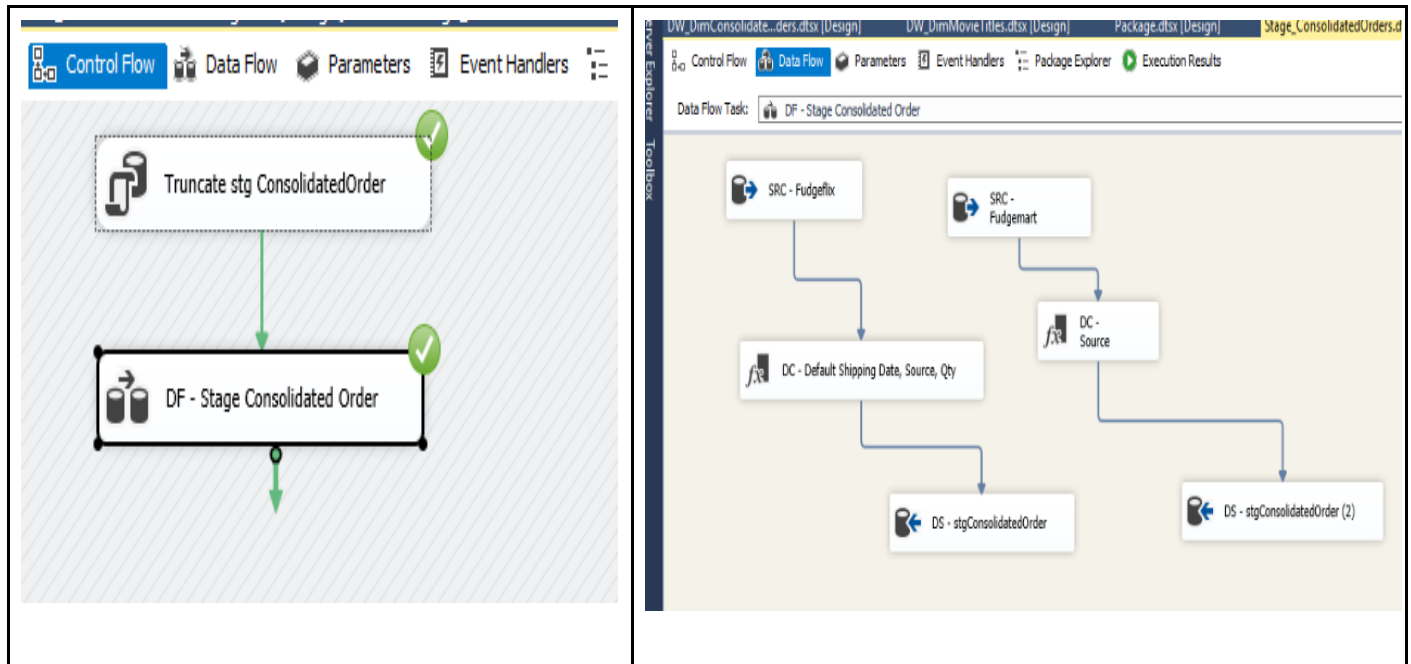
## Source-to-Target Map
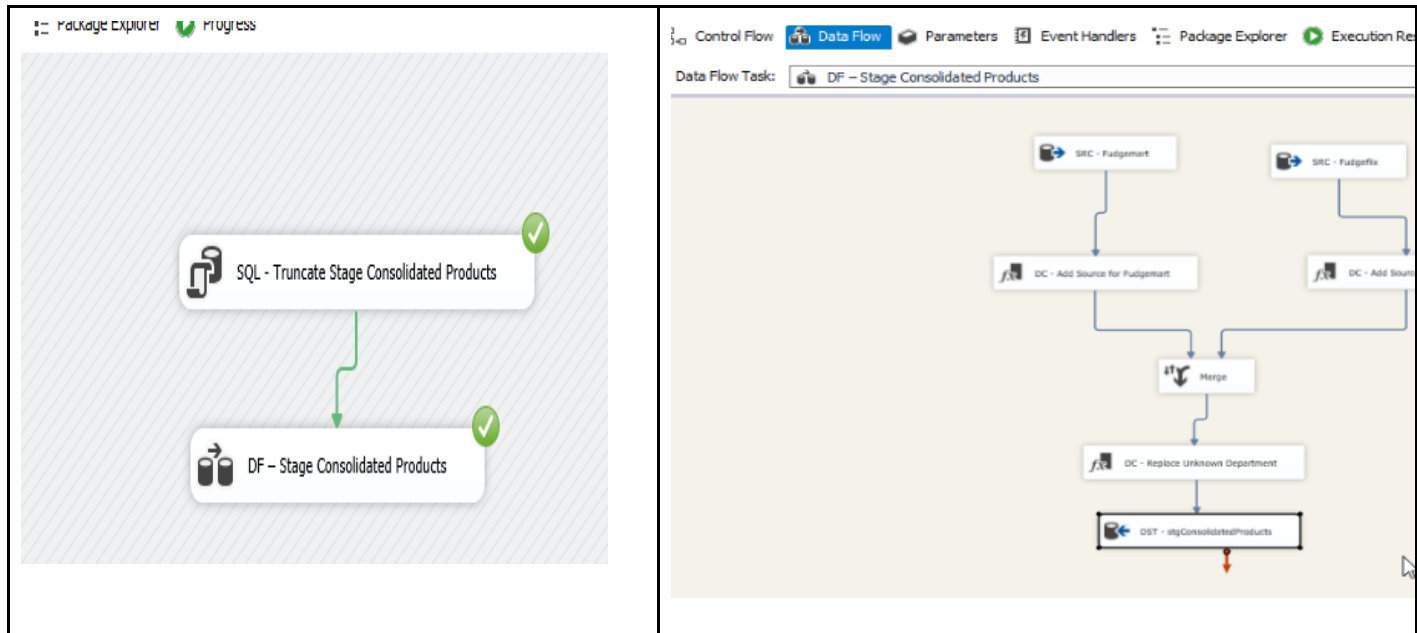
# SSIS Packaging - Staging
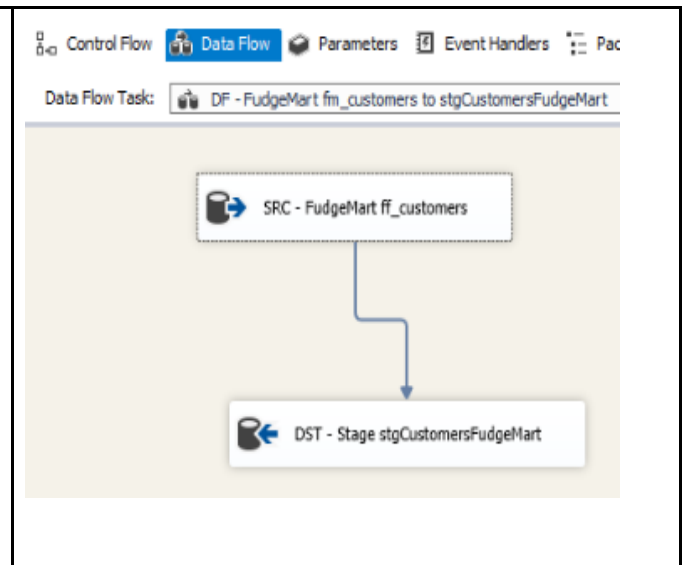
## Dimensions

### Consolidated Orders



### Consolidated Products

## Consolidated Customers



## Dates

## Movie Title
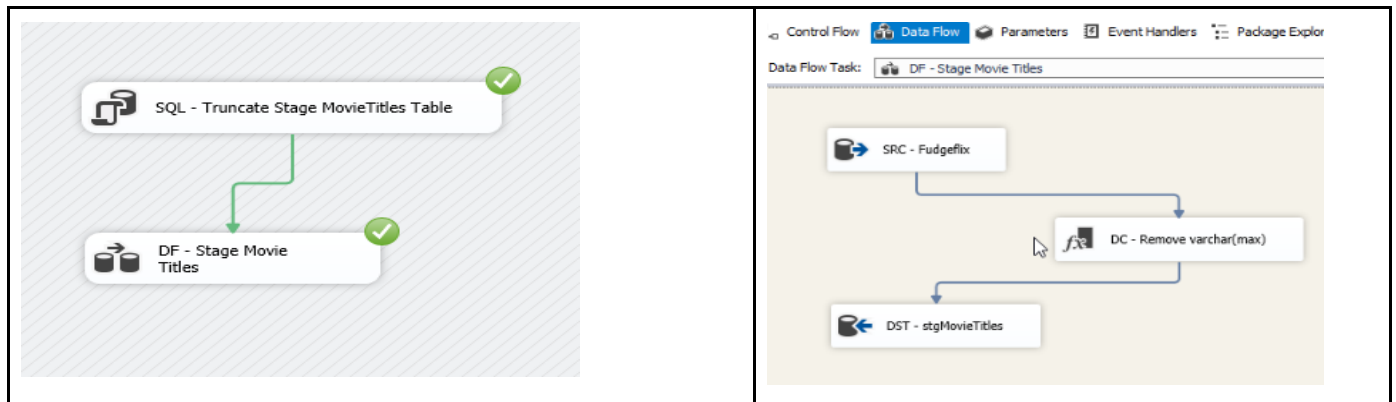


## ZipCodes



# Facts

## FactConsolidatedSales
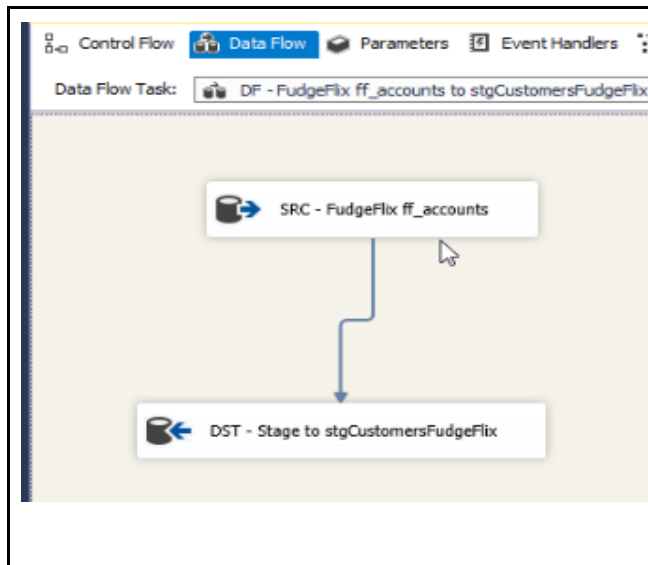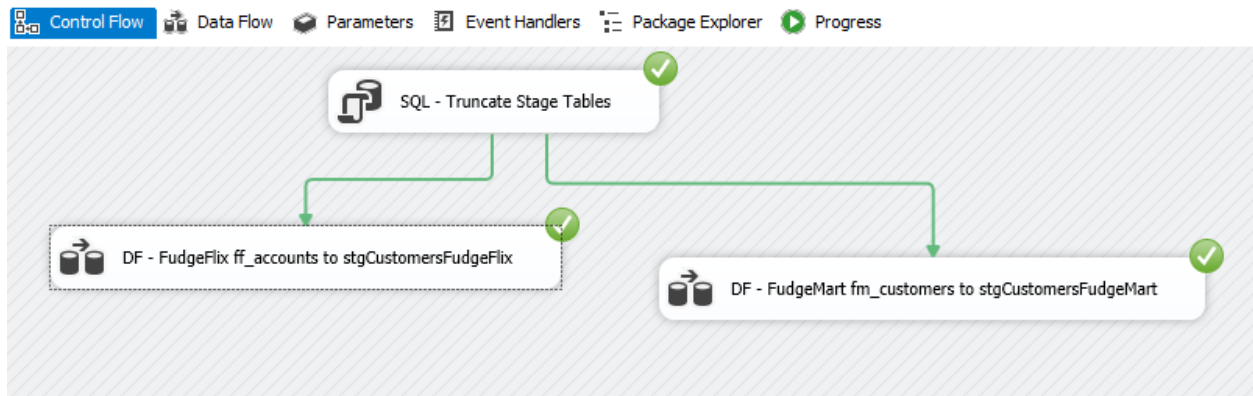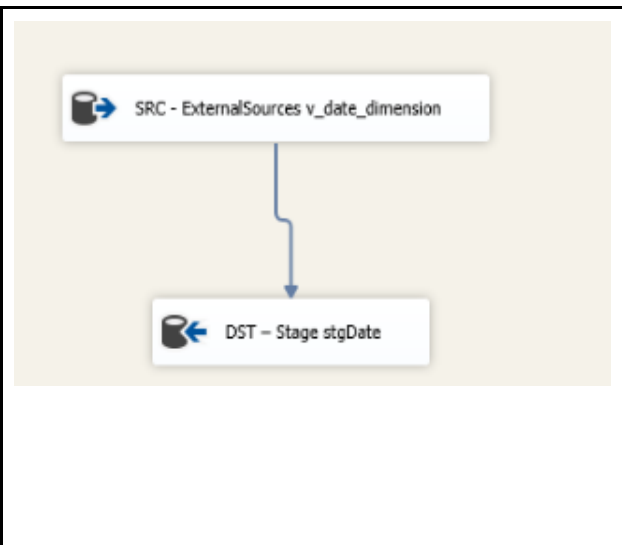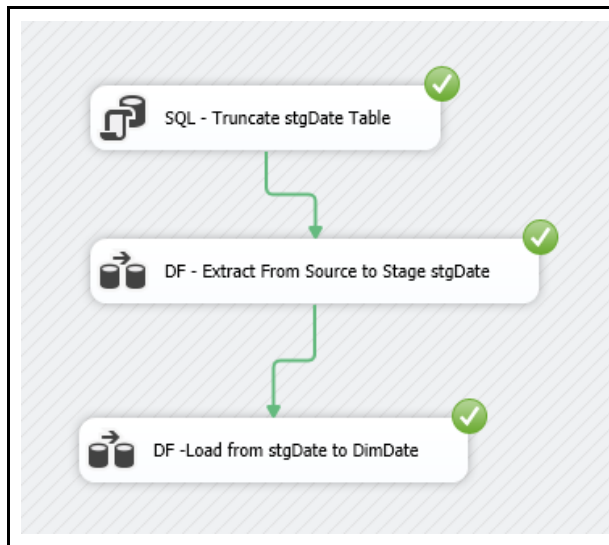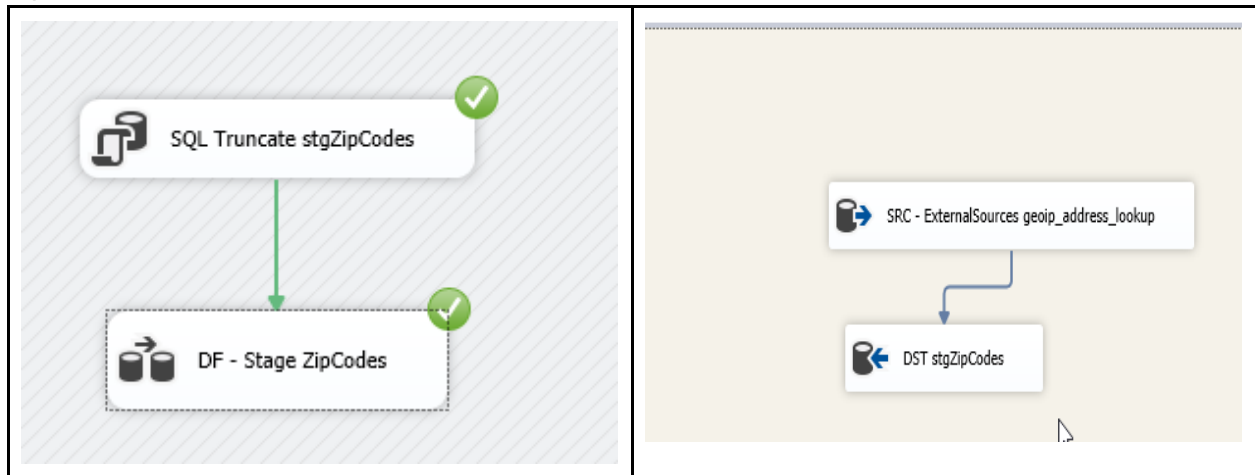
## FactMovieQueueReporting

# SSIS Packaging - Loading to DW

## Dimensions

| Consolidated Orders | Consolidated Products |
|---|---|
| Control Flow · Data Flow · Parameters · Event Handlers · Pa... <br><br> DF - Stage to DimConsolidatedOrders | DF - Stage to DimConsolidatedProducts |
| Data Flow Task: DF - Stage to DimConsolidatedOrders <br><br> SRC - stgConsolidatedOrders <br> LUP - Lookup OrderDate with DimDate <br> Lookup Match Output <br> Replace ShippedDate NULLs with Defaults <br> LUP - Lookup ShippedDate with DimDate <br> Lookup Match Output <br> Slowly Changing Dimension - DimConsolidatedOrders <br> Historical Attribute Inserts Output · New Output <br> Derived Column <br> OLE DB Command <br> Union All <br> Derived Column 1 <br> DST - DimConsolidatedOrder | DW_ConsolidatedProducts.dtsx [Design] · Stage_ZipCod... <br> Control Flow · Data Flow · Parameters · Event H... <br> Data Flow Task: DF - Stage to DimConsolidatedProducts <br><br> SRC - Stage stgConsolidatedProducts <br> DC - Replace Nulls with Defaults <br> DST - Type 2 Slowly Changing Dimension DimConsolidatedProducts <br> Historical Attribute Inserts Output · New Output <br> Derived Column <br> OLE DB Command <br> Union All <br> Derived Column 1 <br> Insert Destination |

## Consolidated Customers



## Movie Title



Data Flow Task: DF - stgCustomersFudgeFlix to DimConsolidatedCustomers
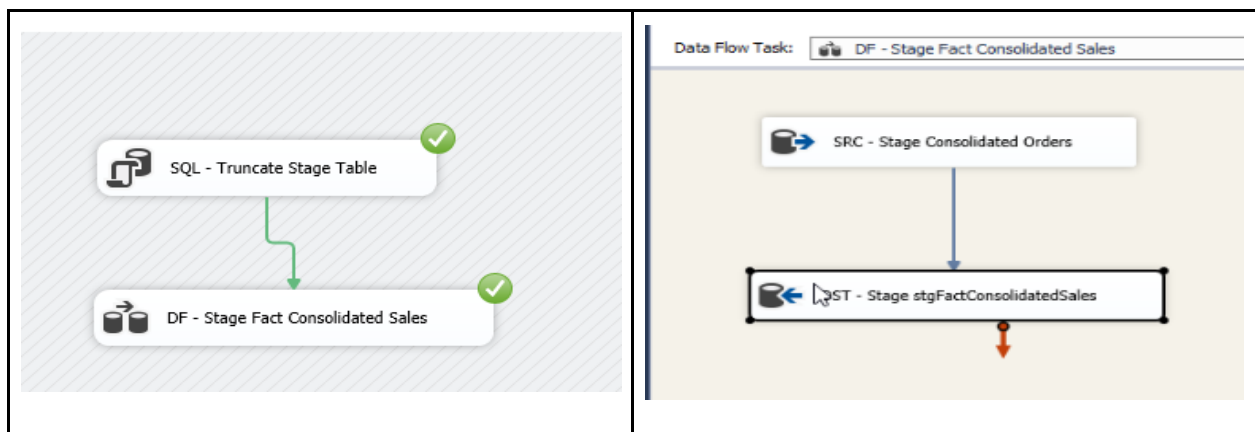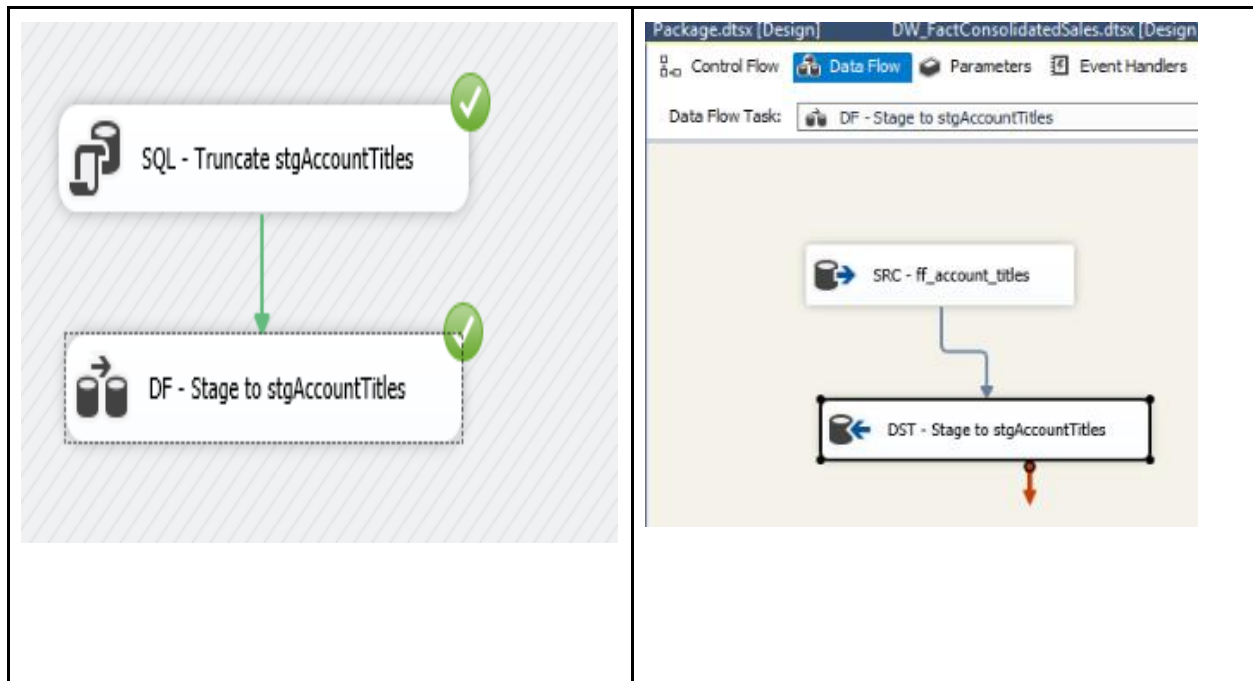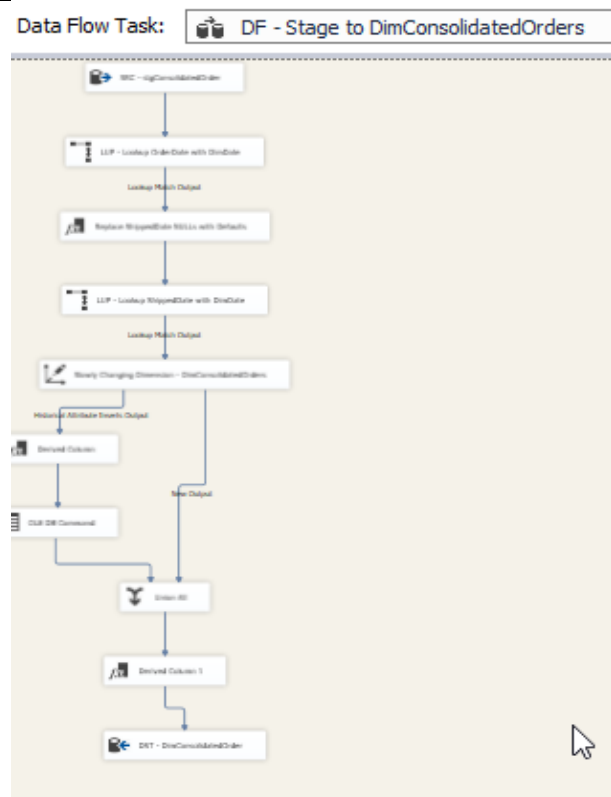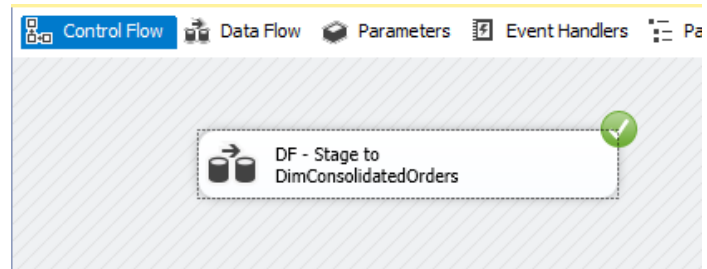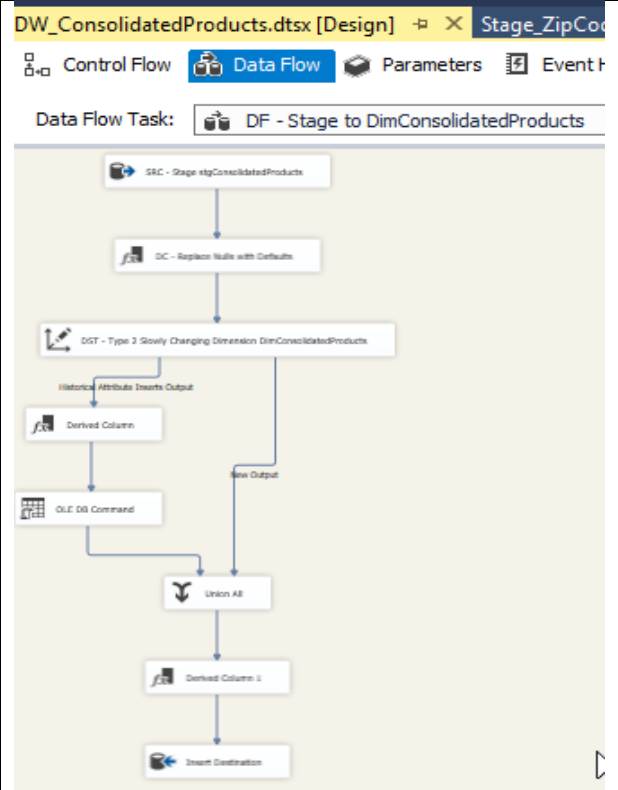


Data Flow Task: DF - Stage to DimMovieTitles
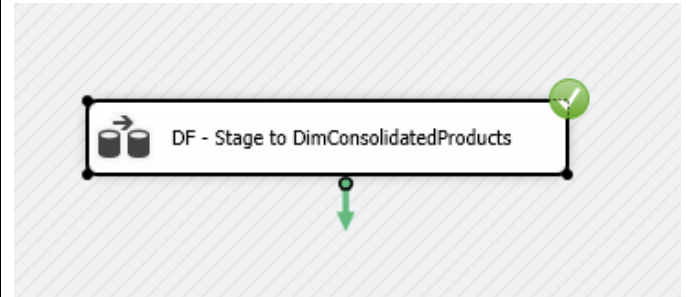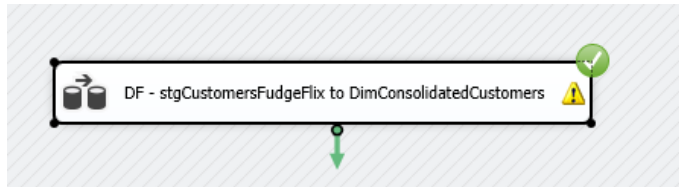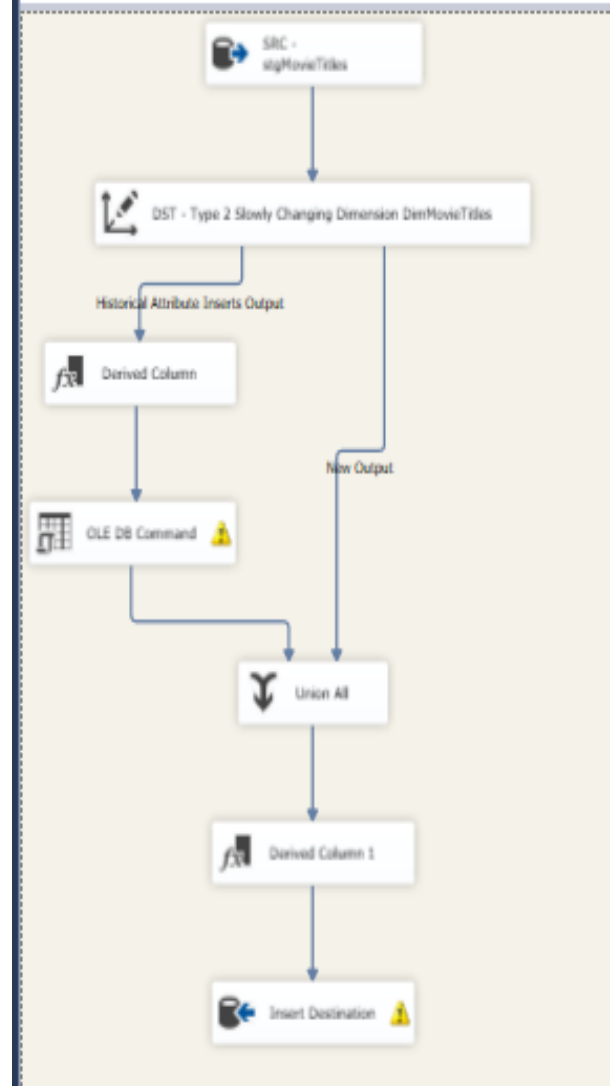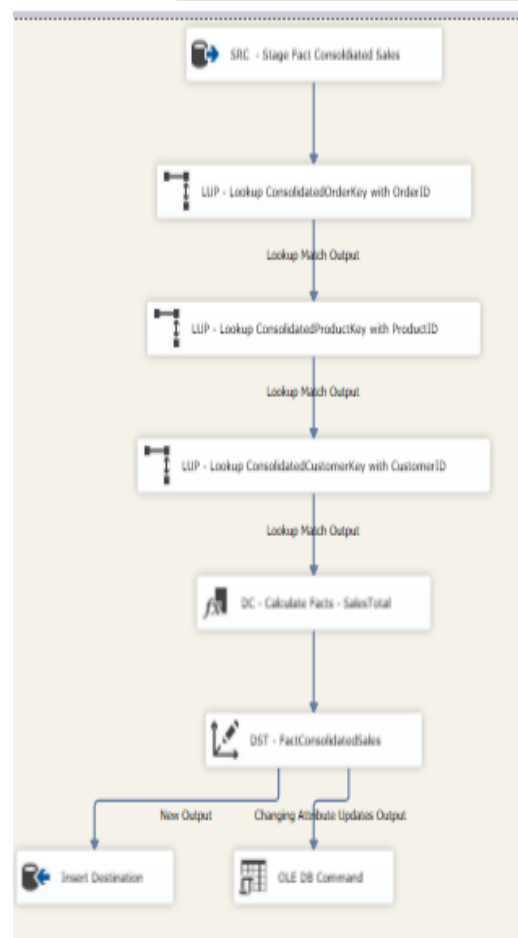
# Facts

| FactConsolidatedSales | FactMovieQueueReporting |
|---|---|
|  | Control Flow  Data Flow  Parameters  Event Handle<br> |
| Data Flow Task: DF - Stage to FactConsolidatedSales<br> | DW_FactMovieQueue...ting.dtsx [Design]  DW_FactC<br>Control Flow  Data Flow  Parameters  Even<br>Data Flow Task: DF - Stage to FactMovieQueueReportin<br> |