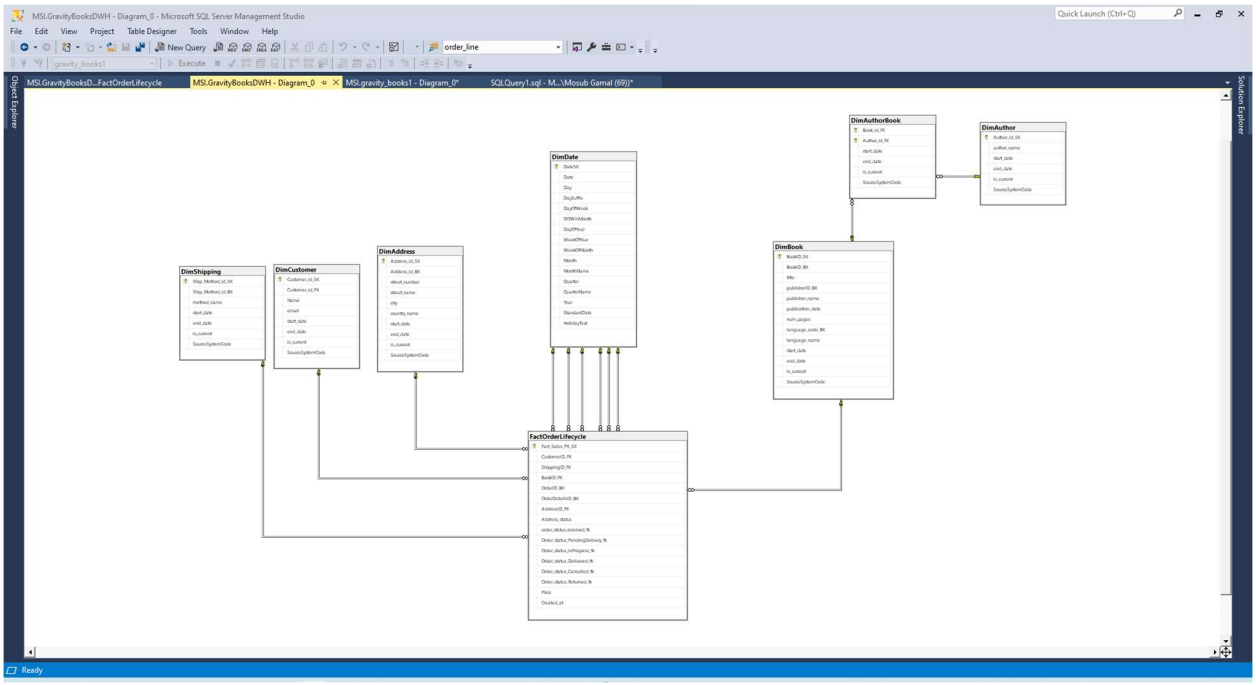
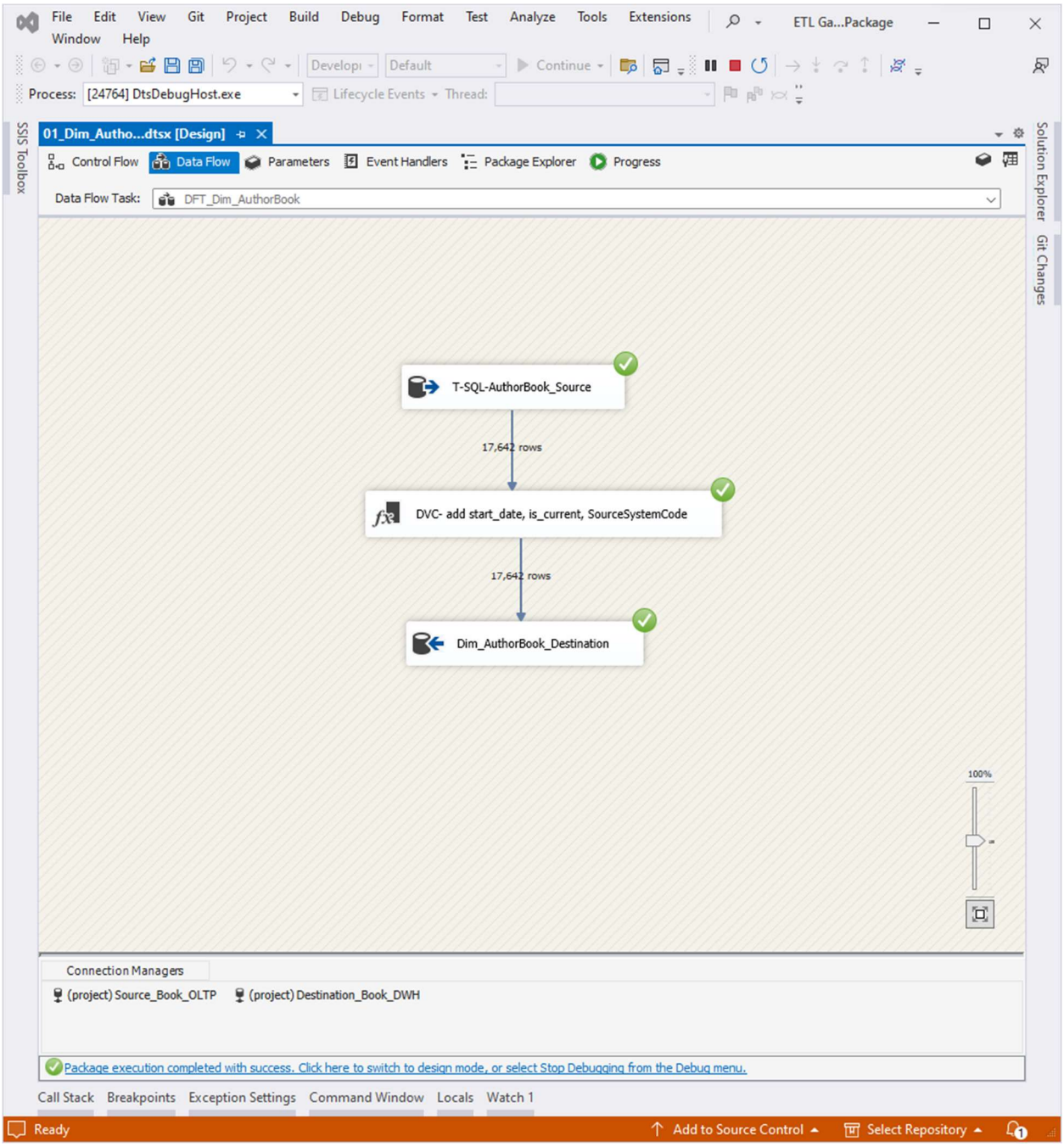
Model Gravity Books DHW “Star schema-with author-book snowflake”

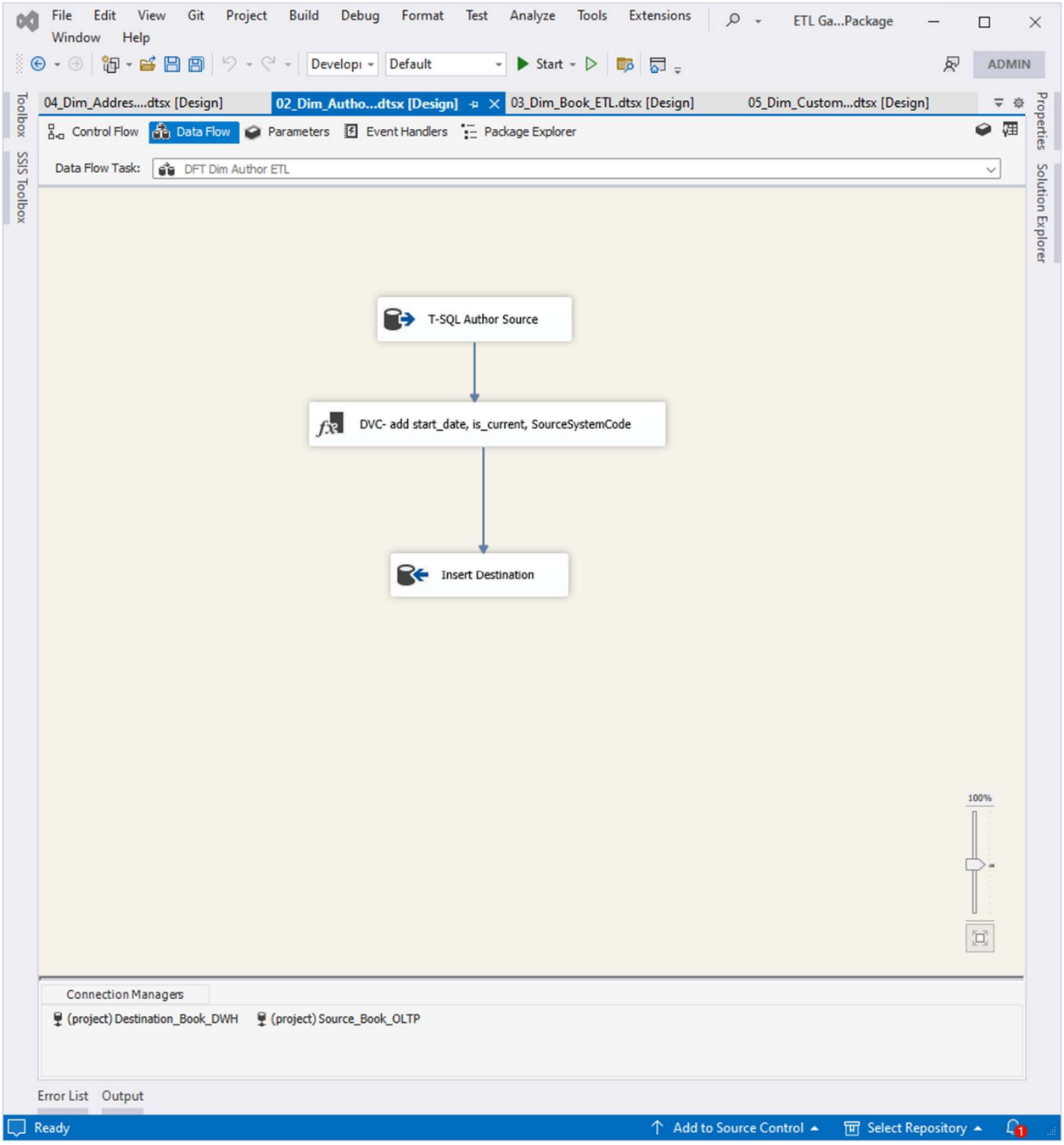


ETL SSIS Project

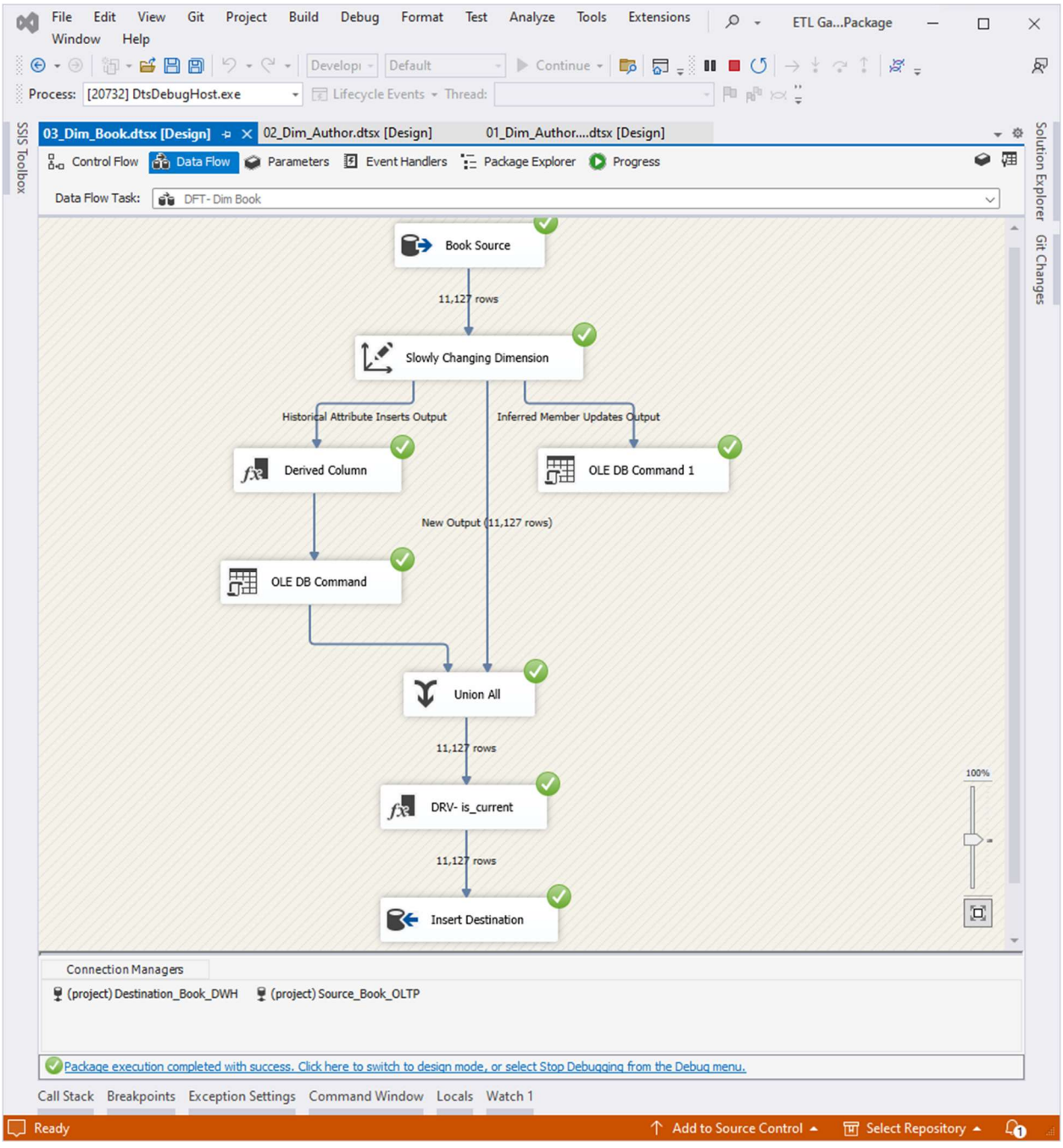
Dim_AuthorBook ETL



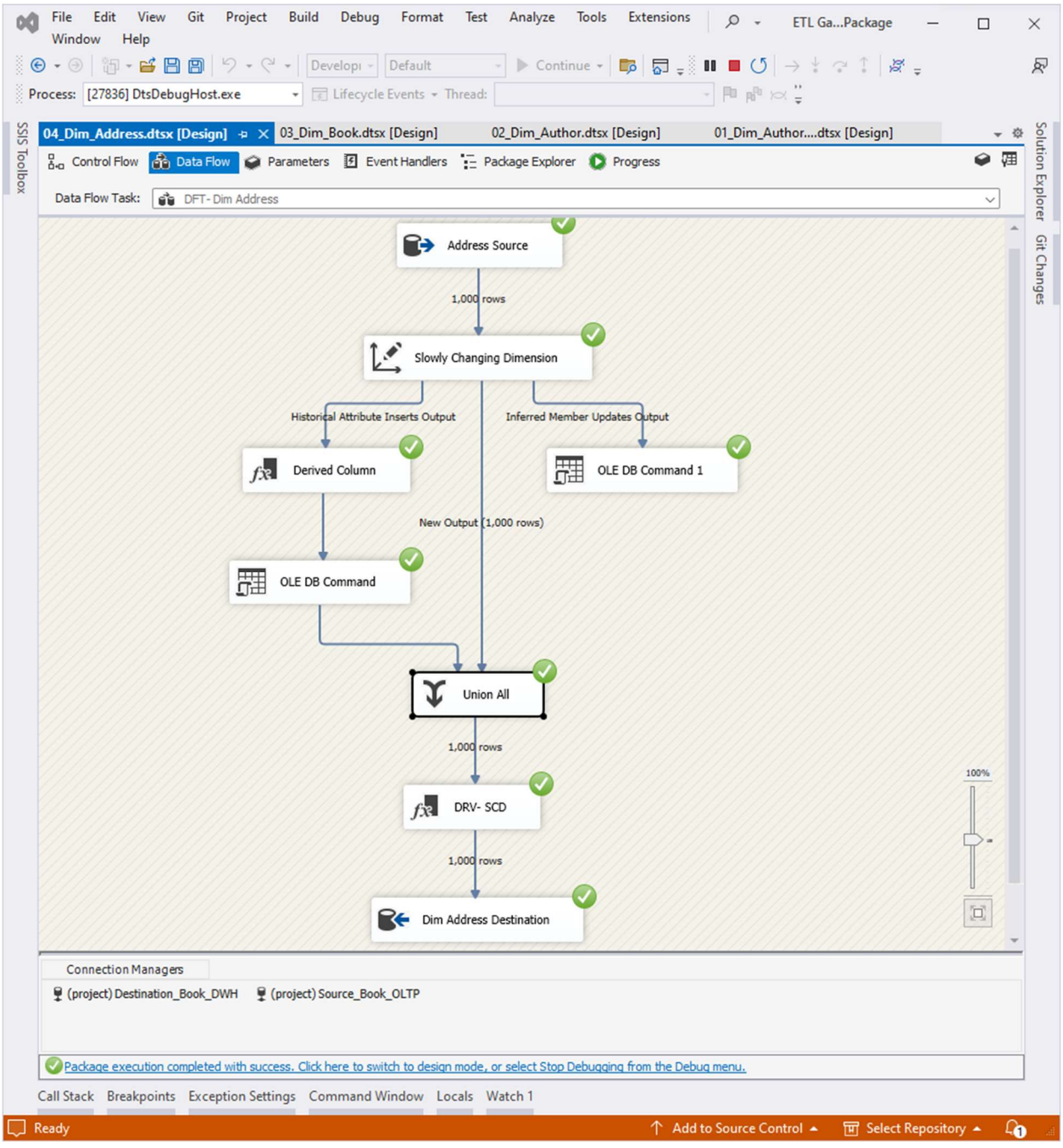
Dim_Author ETL



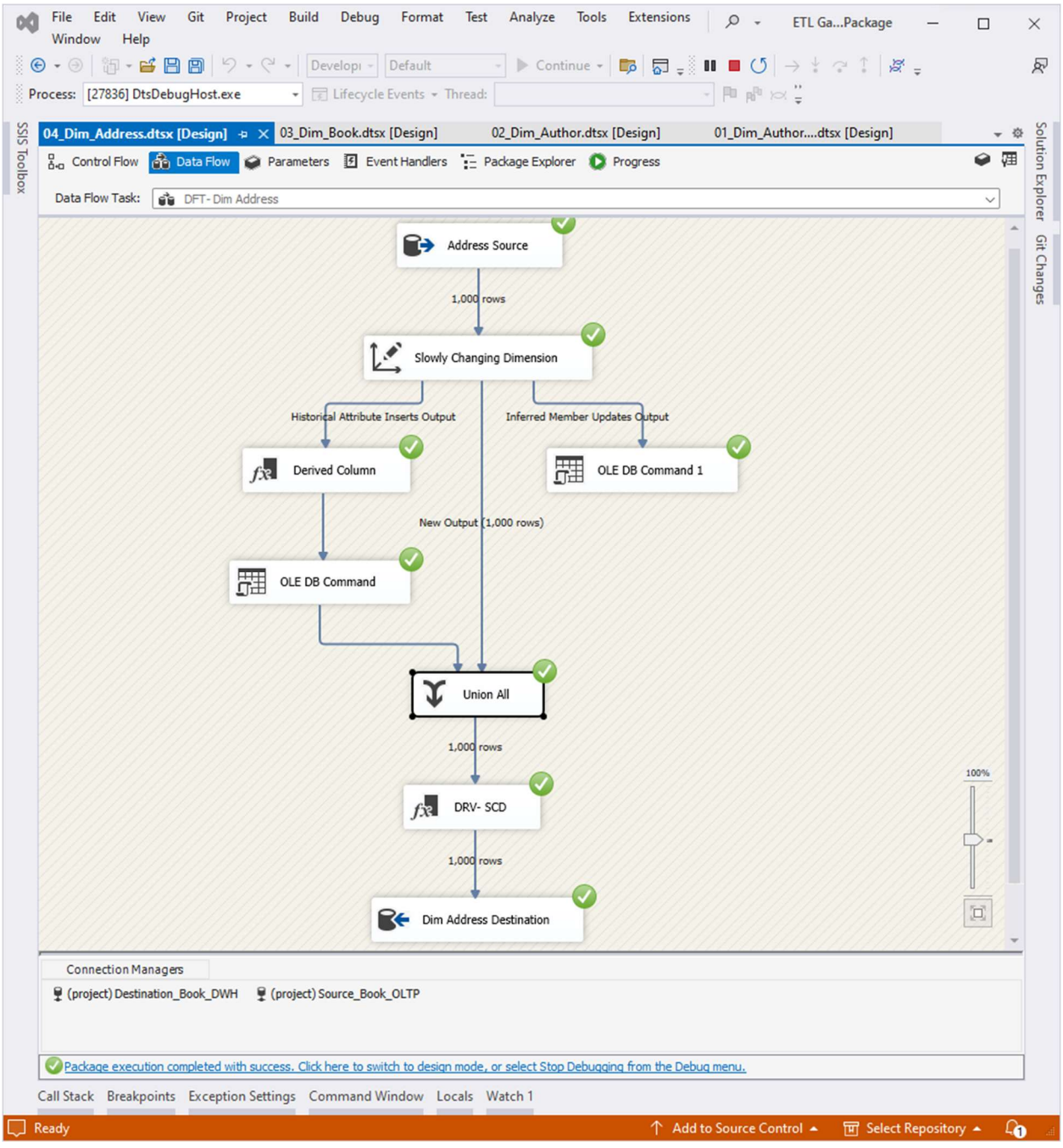
Dim_Book ETL


File Edit View Git Project Build Debug Format Test Analyze Tools Extensions Window Help
ETL Ga...Package
Process: [20732] DtsDebugHost.exe
Lifecycle Events
Thread:
SSIS Toolbox
03_Dim_Book.dtsx [Design]
02_Dim_Author.dtsx [Design]
01_Dim_Author....dtsx [Design]
Control Flow
Data Flow
Parameters
Event Handlers
Package Explorer
Progress
Data Flow Task:
DFT- Dim Book
Solution Explorer
Git Changes
Book Source
11,127 rows
Slowly Changing Dimension
Historical Attribute Inserts Output
Inferred Member Updates Output
Derived Column
OLE DB Command 1
New Output (11,127 rows)
OLE DB Command
Union All
11,127 rows
DRV- is_current
11,127 rows
Insert Destination
100%
Connection Managers
(project) Destination_Book_DWH
(project) Source_Book_OLTP
Package execution completed with success. Click here to switch to design mode, or select Stop Debugging from the Debug menu.
Call Stack
Breakpoints
Exception Settings
Command Window
Locals
Watch 1
Ready
Add to Source Control
Select Repository

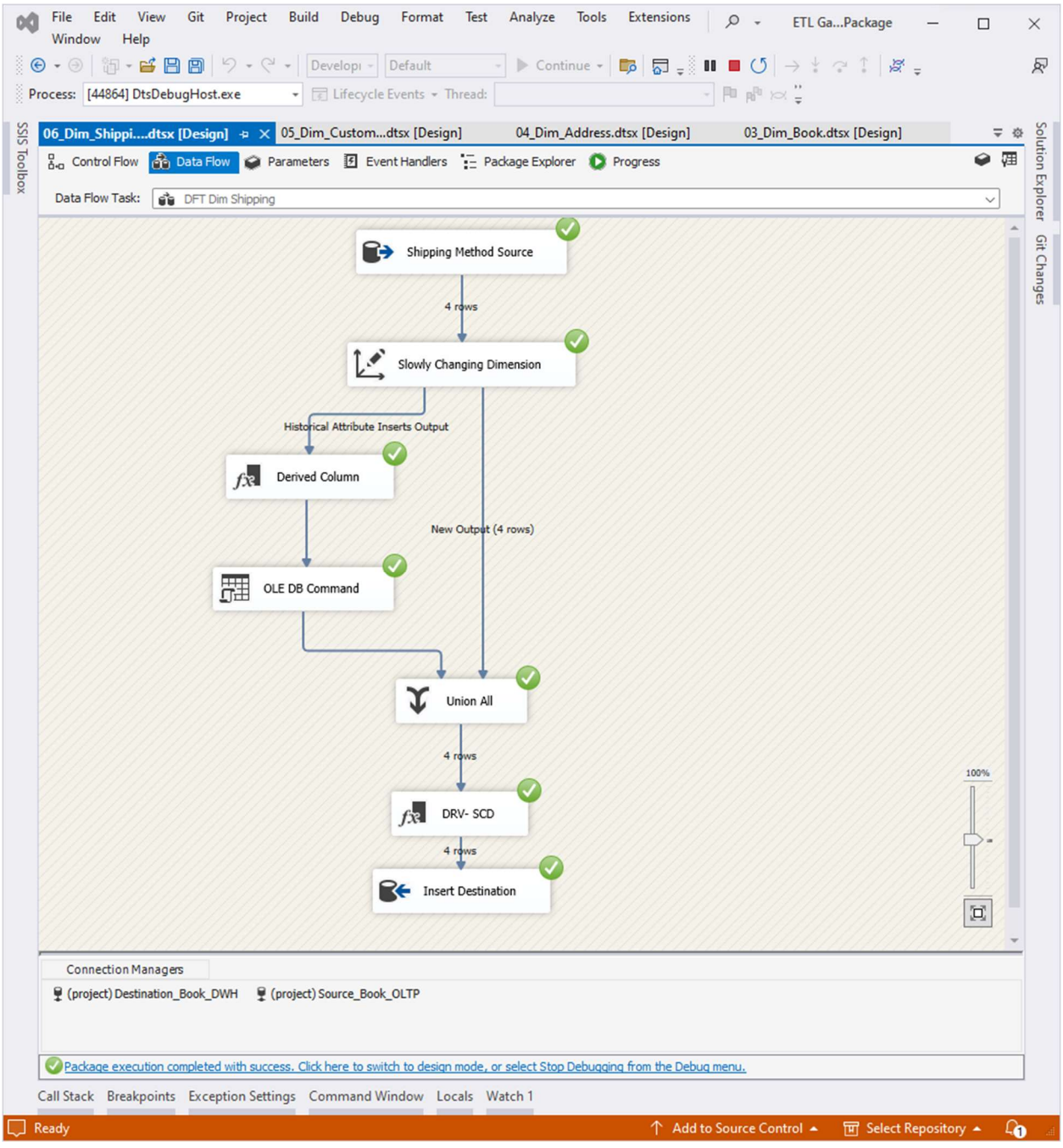
Dim_Customer ETL



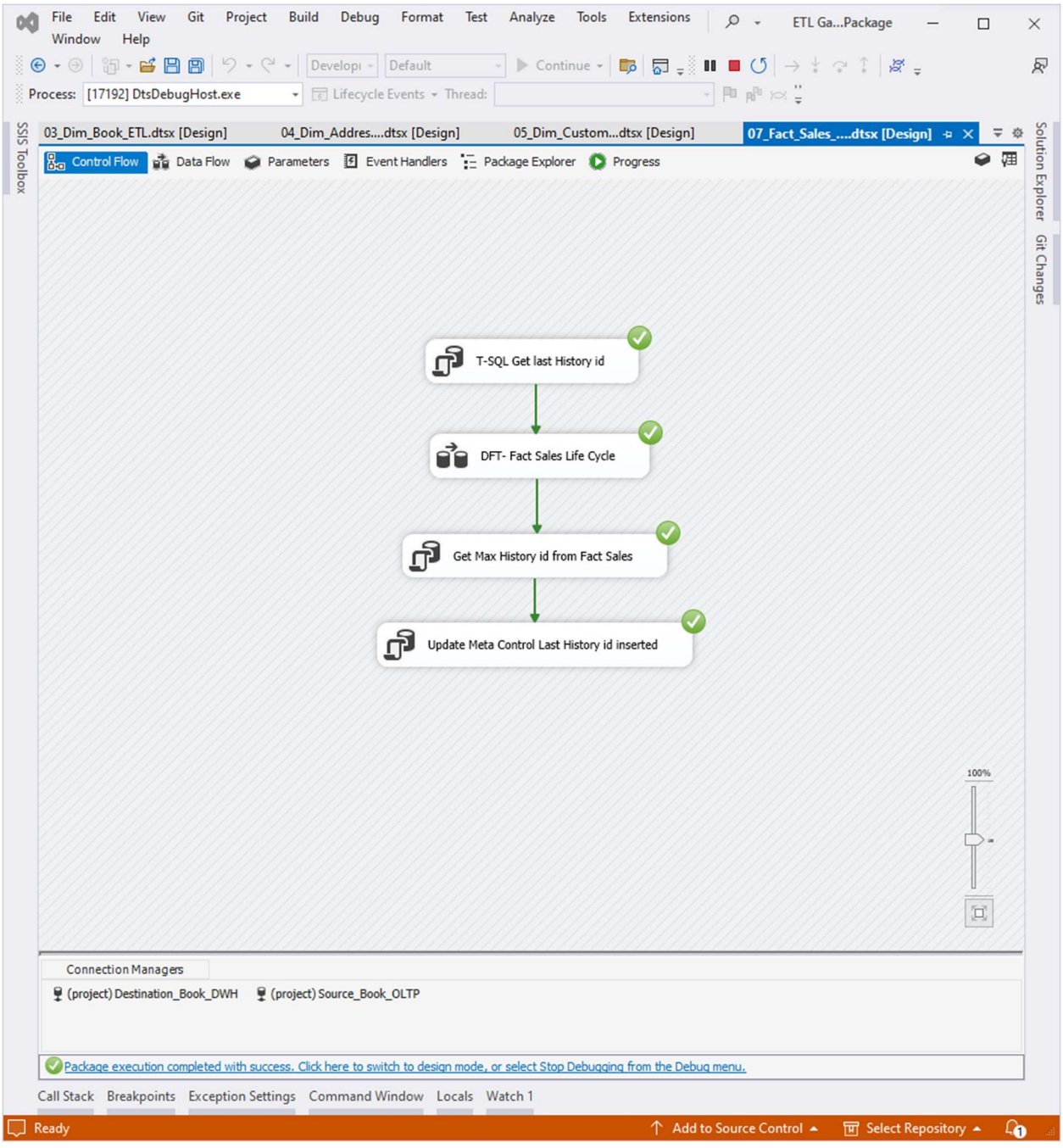
Dim_Address ETL

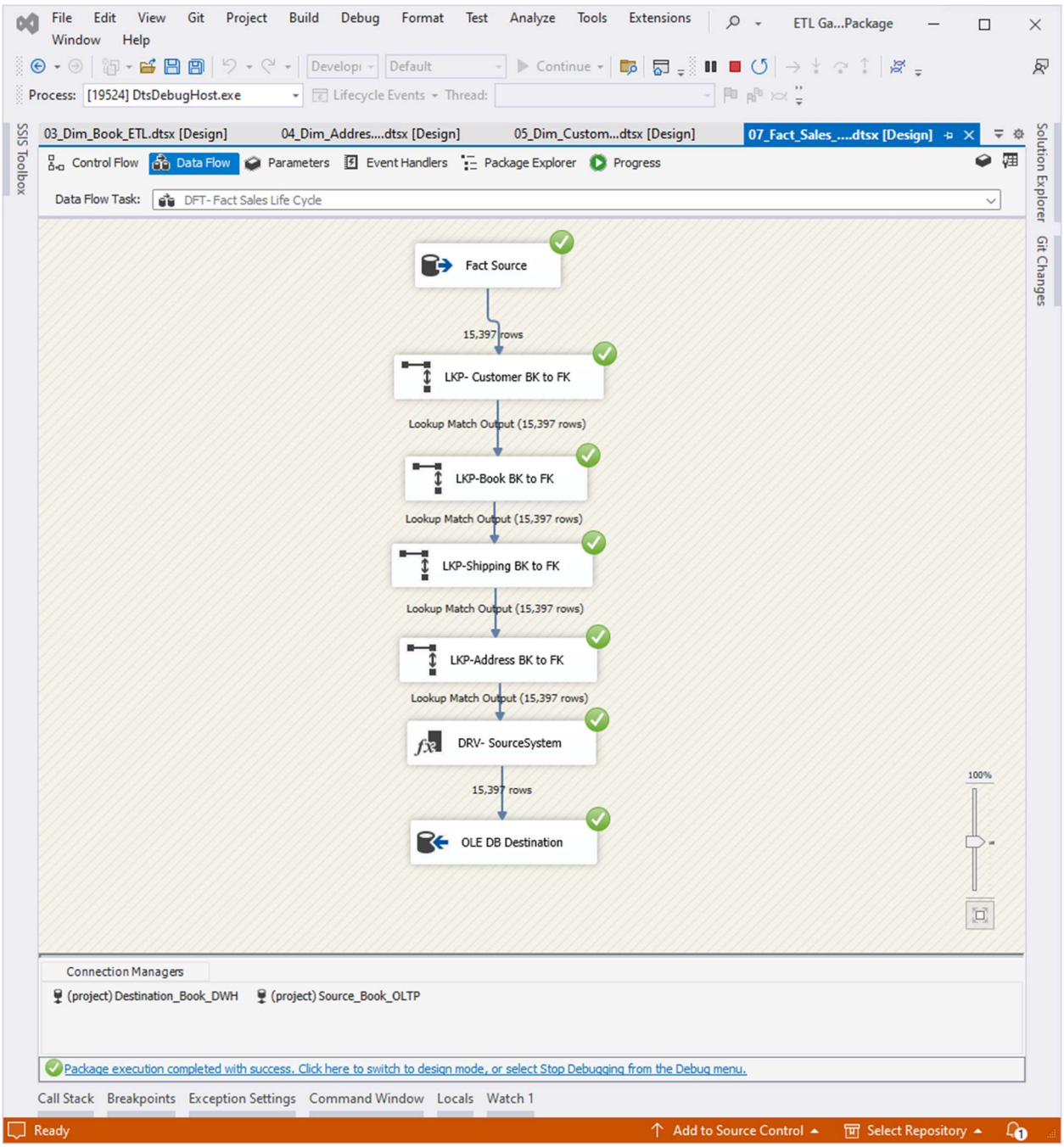


Dim_Shipping ETL

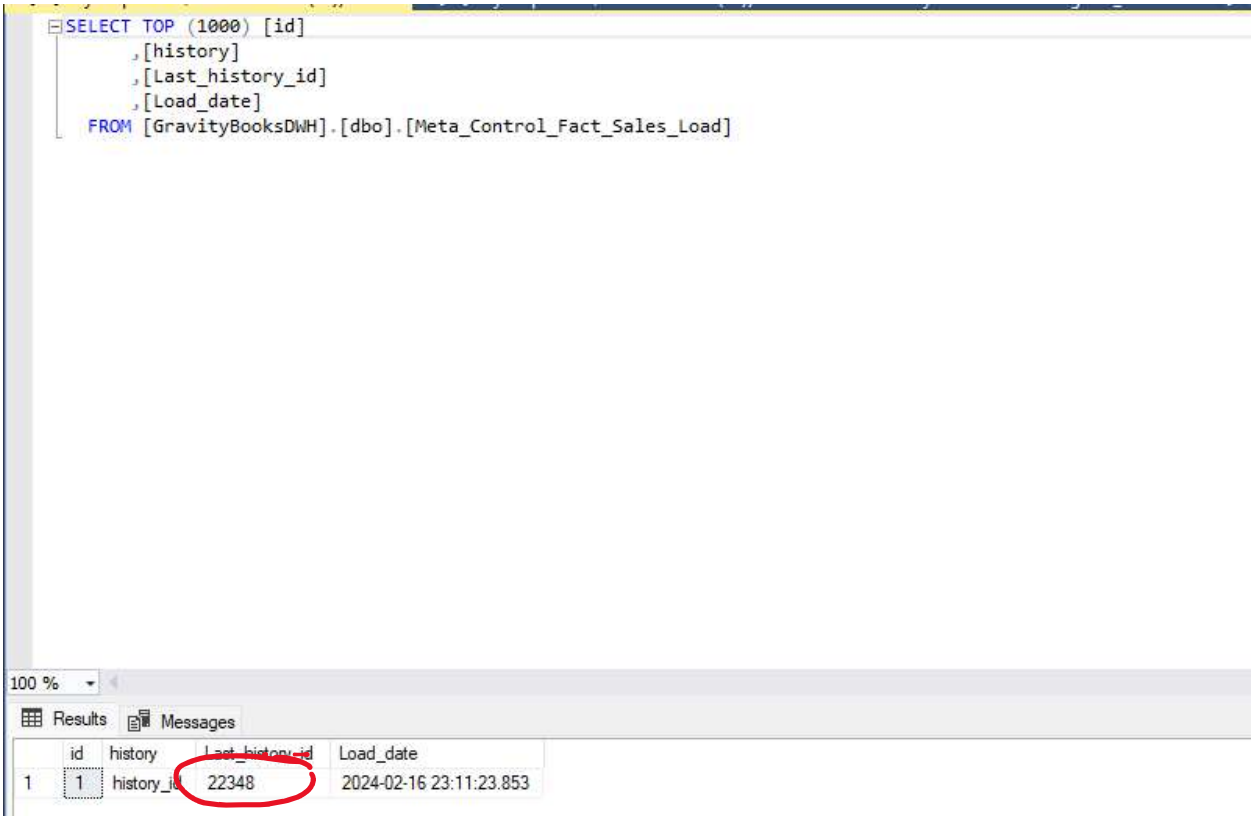


Fact Sales LifeCycle ETL



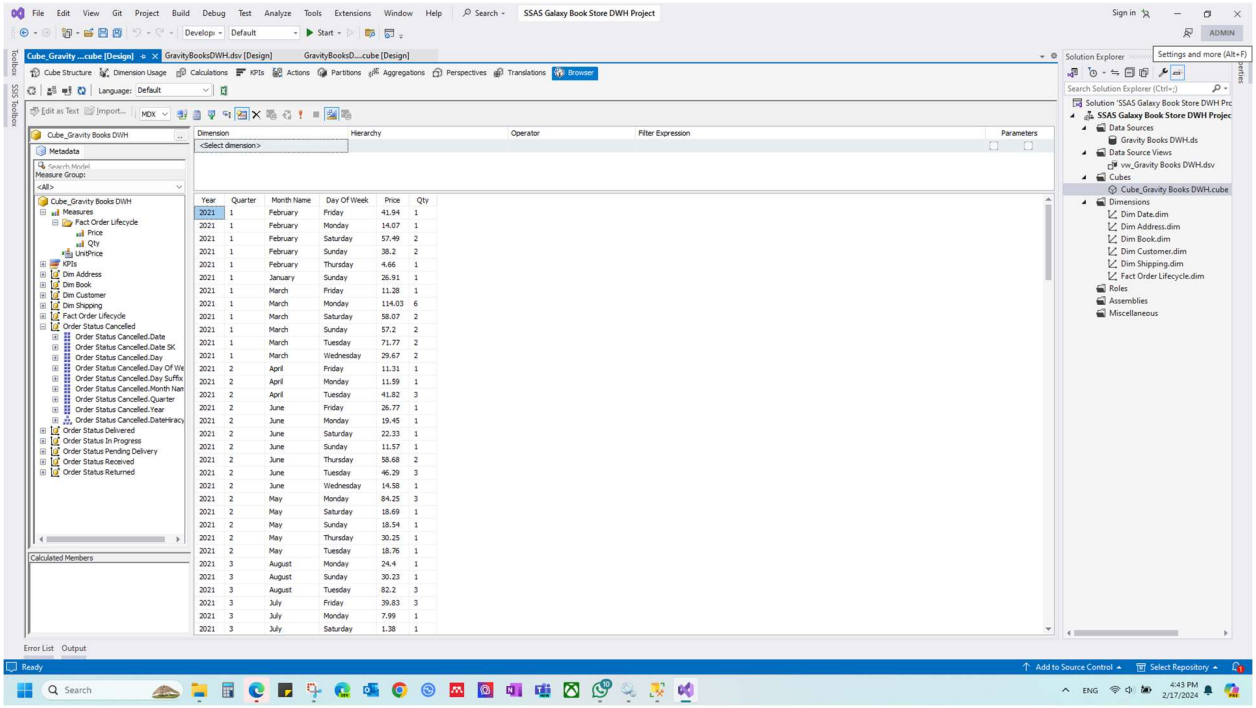

File Edit View Git Project Build Debug Format Test Analyze Tools Extensions
Window Help
ETL Ga...Package
Process: [19524] DtsDebugHost.exe
Lifecycle Events
Thread:
SSIS Toolbox
03_Dim_Book_ETL.dtsx [Design]
04_Dim_Addres....dtsx [Design]
05_Dim_Custom...dtsx [Design]
07_Fact_Sales_....dtsx [Design]
Control Flow
Data Flow
Parameters
Event Handlers
Package Explorer
Progress
Data Flow Task:
DFT- Fact Sales Life Cycle
Solution Explorer
Git Changes
Fact Source
15,397 rows
LKP- Customer BK to FK
Lookup Match Output (15,397 rows)
LKP-Book BK to FK
Lookup Match Output (15,397 rows)
LKP-Shipping BK to FK
Lookup Match Output (15,397 rows)
LKP-Address BK to FK
Lookup Match Output (15,397 rows)
DRV- SourceSystem
15,397 rows
OLE DB Destination
100%
Connection Managers
(project) Destination_Book_DWH
(project) Source_Book_OLTP
Package execution completed with success. Click here to switch to design mode, or select Stop Debugging from the Debug menu.
Call Stack
Breakpoints
Exception Settings
Command Window
Locals
Watch 1
Ready
Add to Source Control
Select Repository

Result at Meta Control Fact

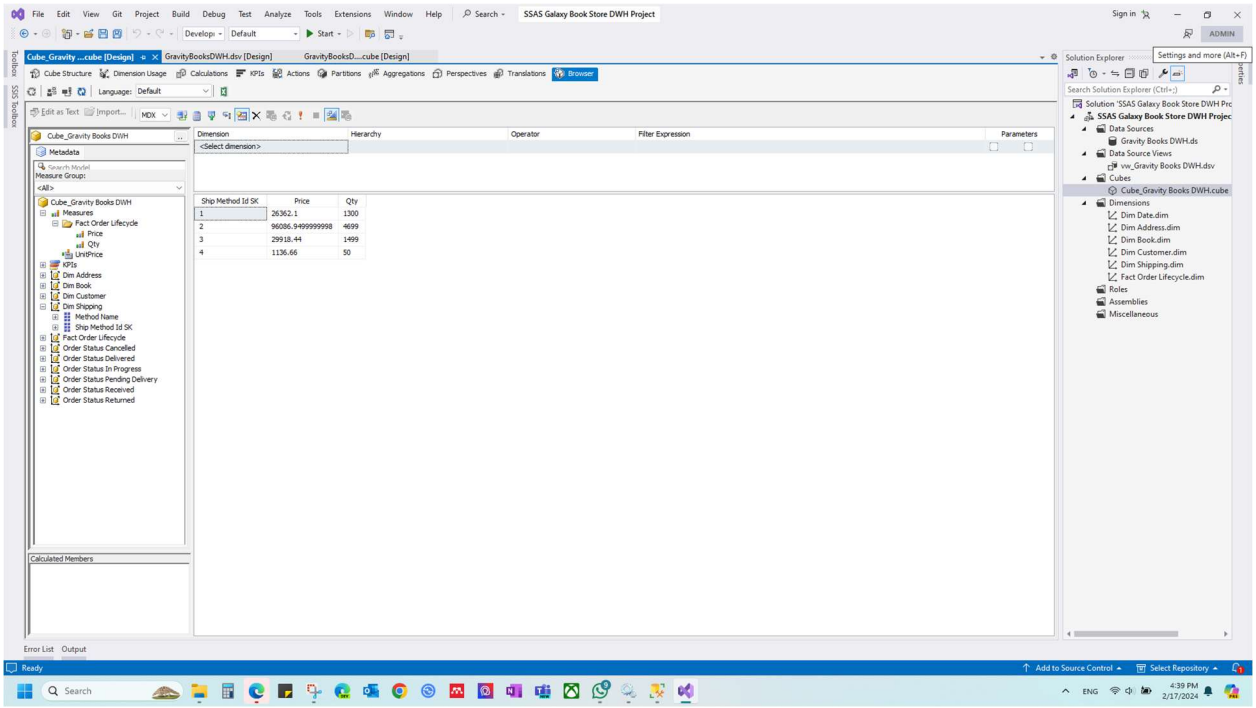


OLAP SSAS Project

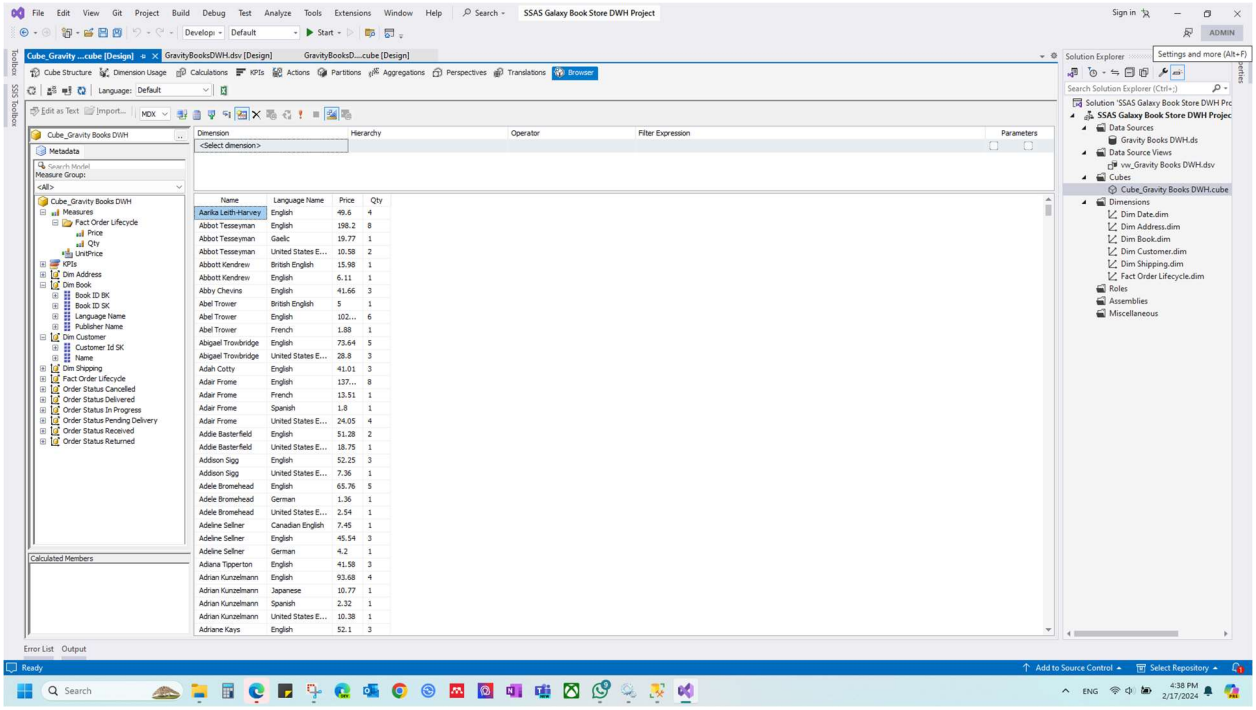
Total Sales and Qty by year quarter month day



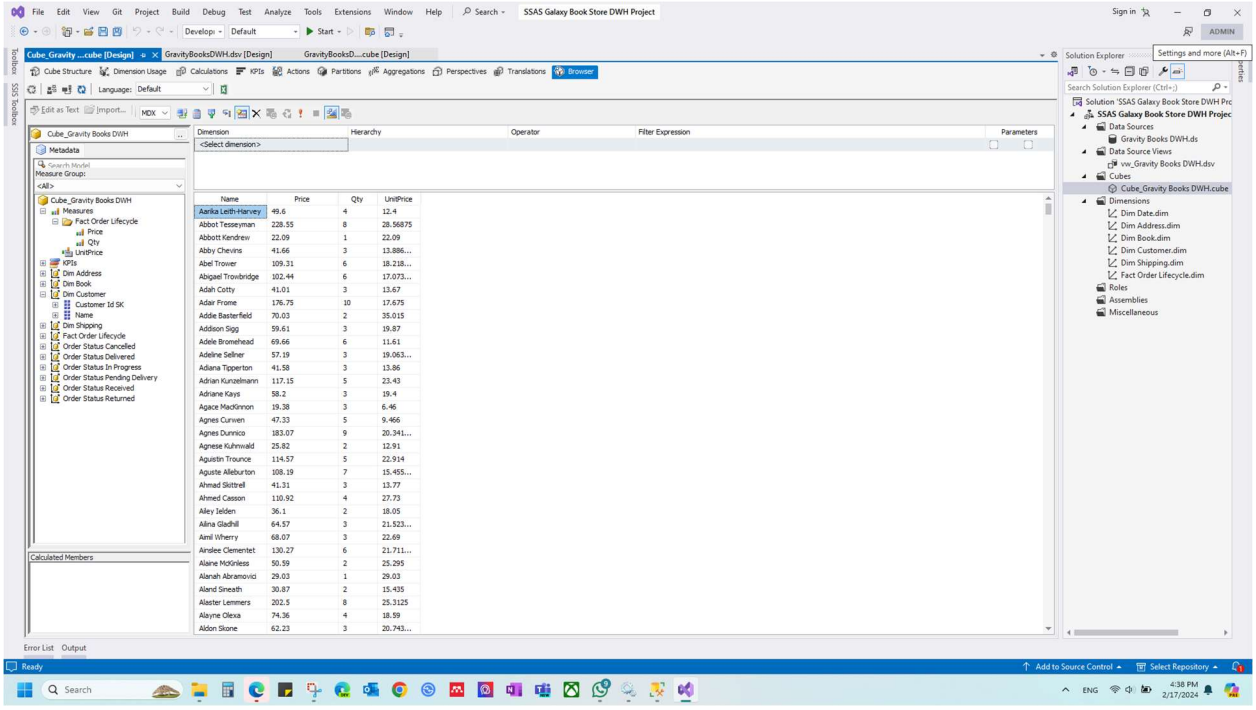
Total Sales and Qty by Shipping



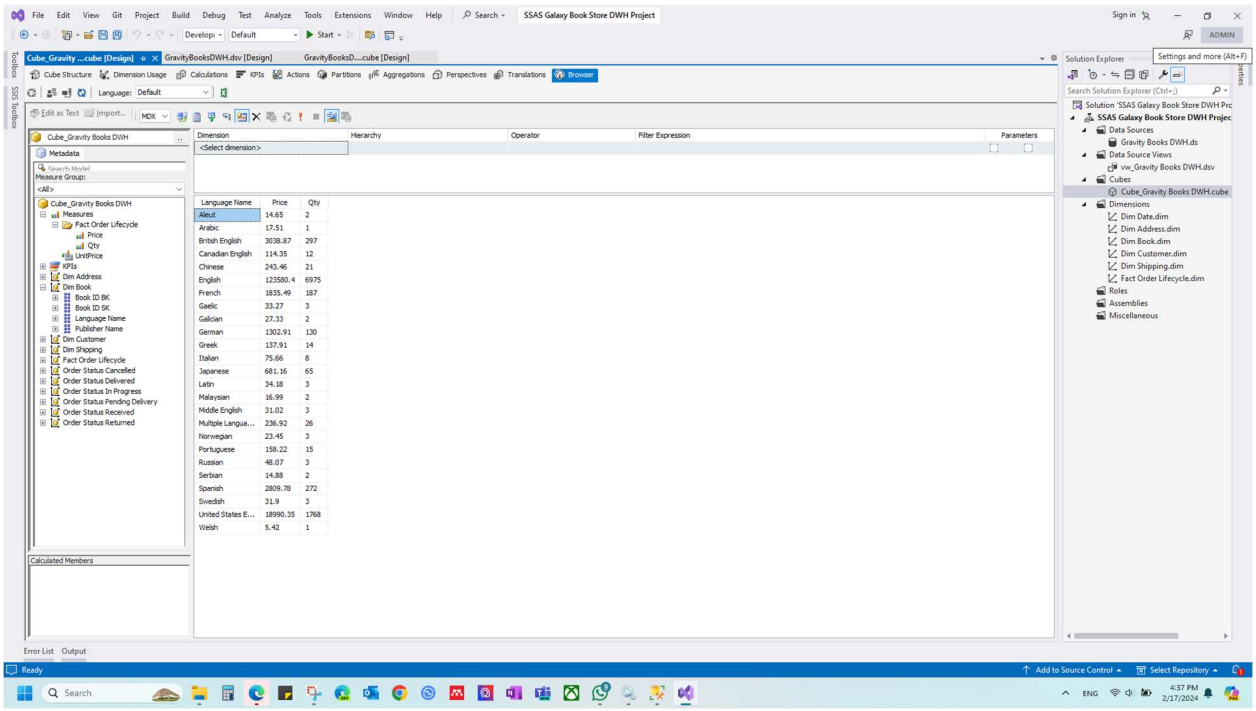
Total Sales and Qty by Language and Customer



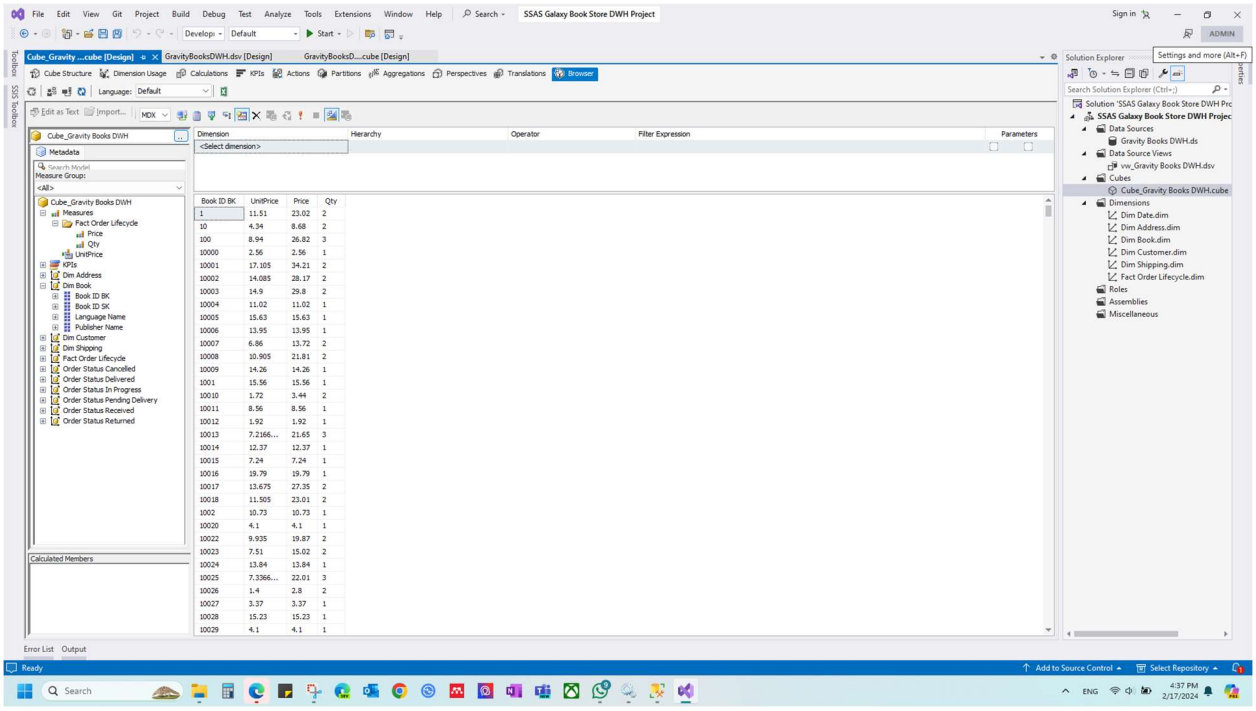
Total Sales and Qty by Customer



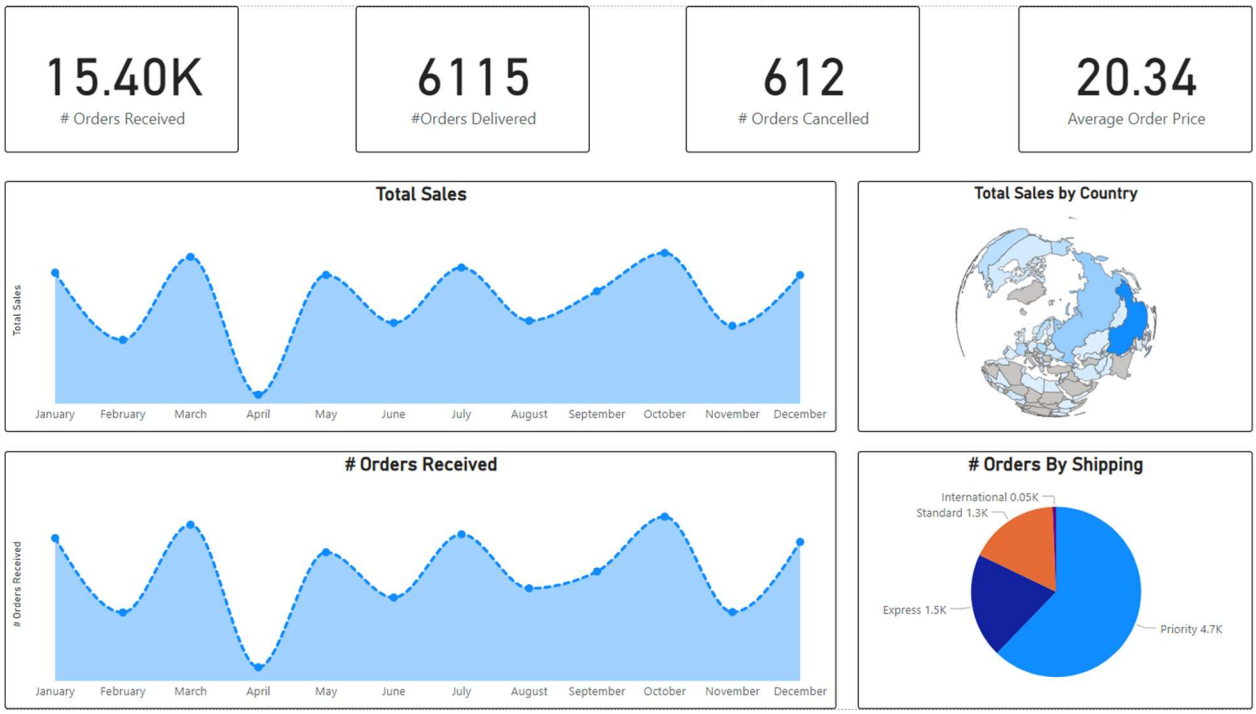
Total Sales and Qty by Language



Total Sales and Qty for Book and unit Price



Dashboard


15.40K
Orders Received
6115
#Orders Delivered
612
Orders Cancelled
20.34
Average Order Price
Total Sales
Total Sales
January
February
March
April
May
June
July
August
September
October
November
December
Total Sales by Country
Orders Received
Orders Received
January
February
March
April
May
June
July
August
September
October
November
December
Orders By Shipping
International 0.05K
Standard 1.3K
Express 1.5K
Priority 4.7K