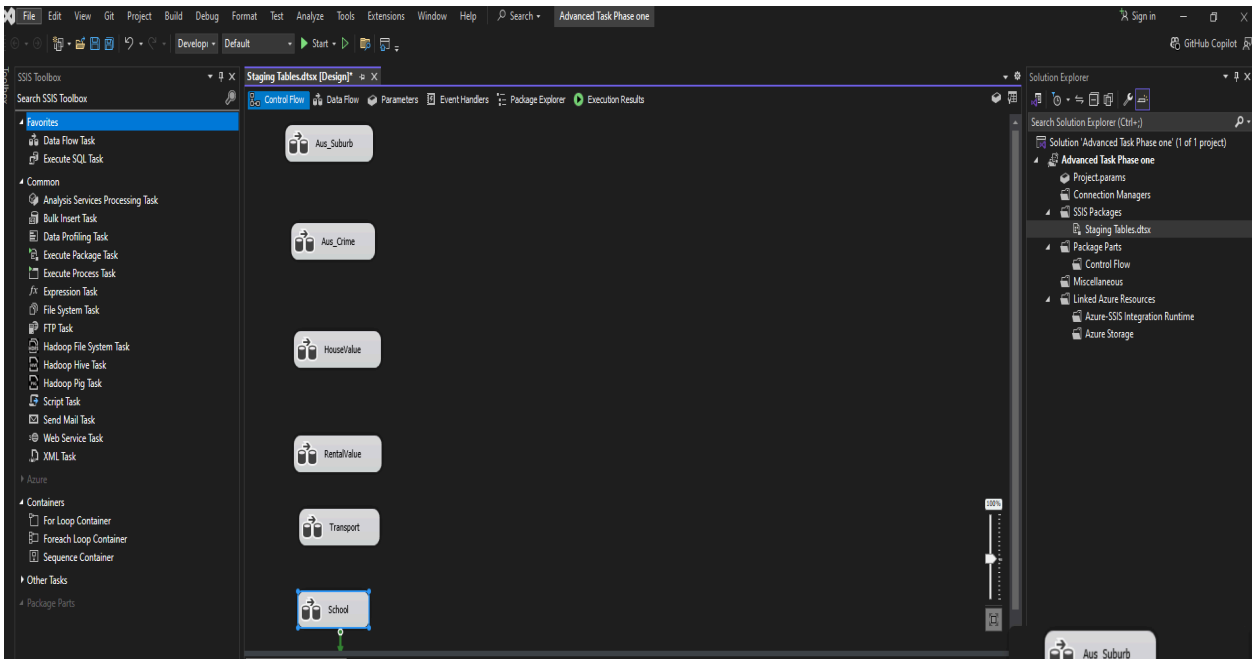
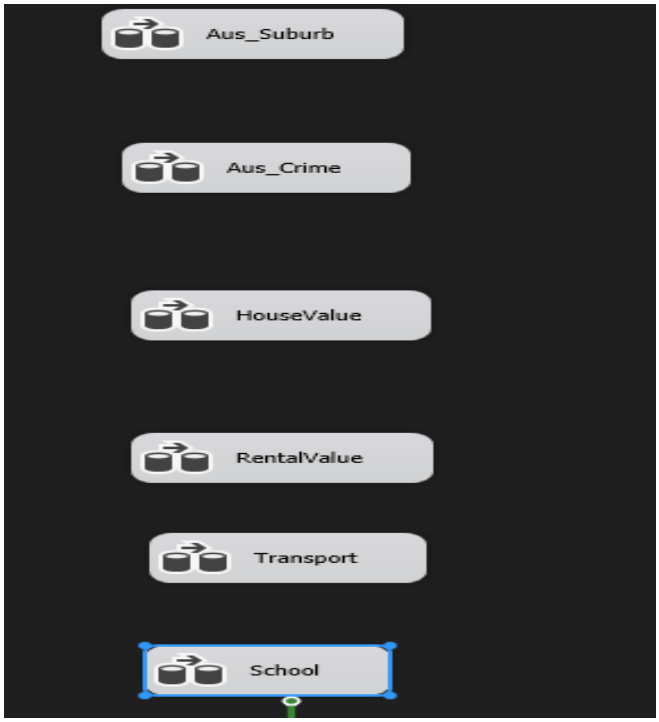
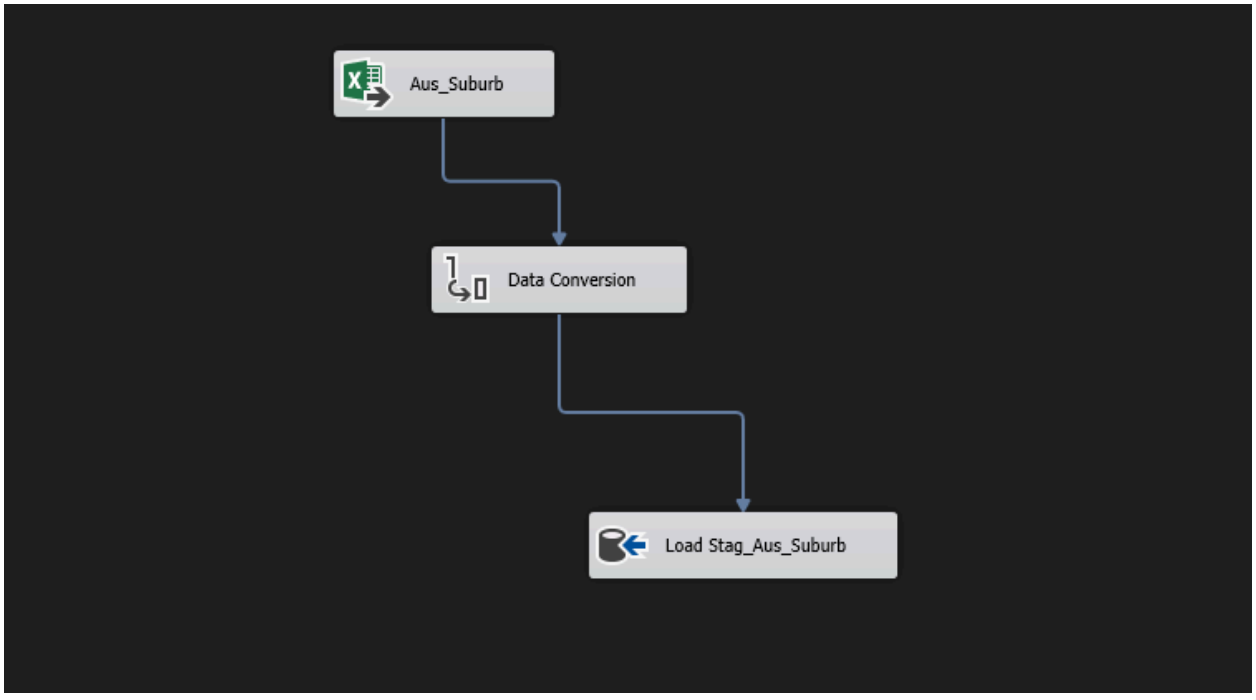
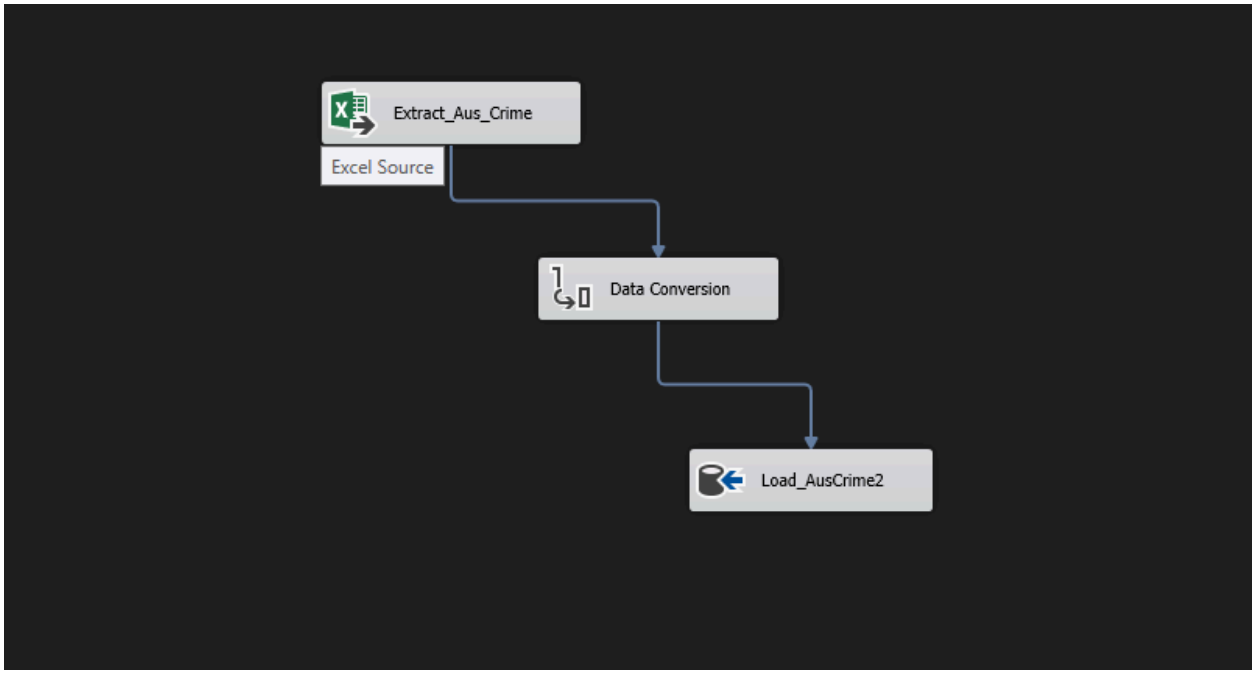
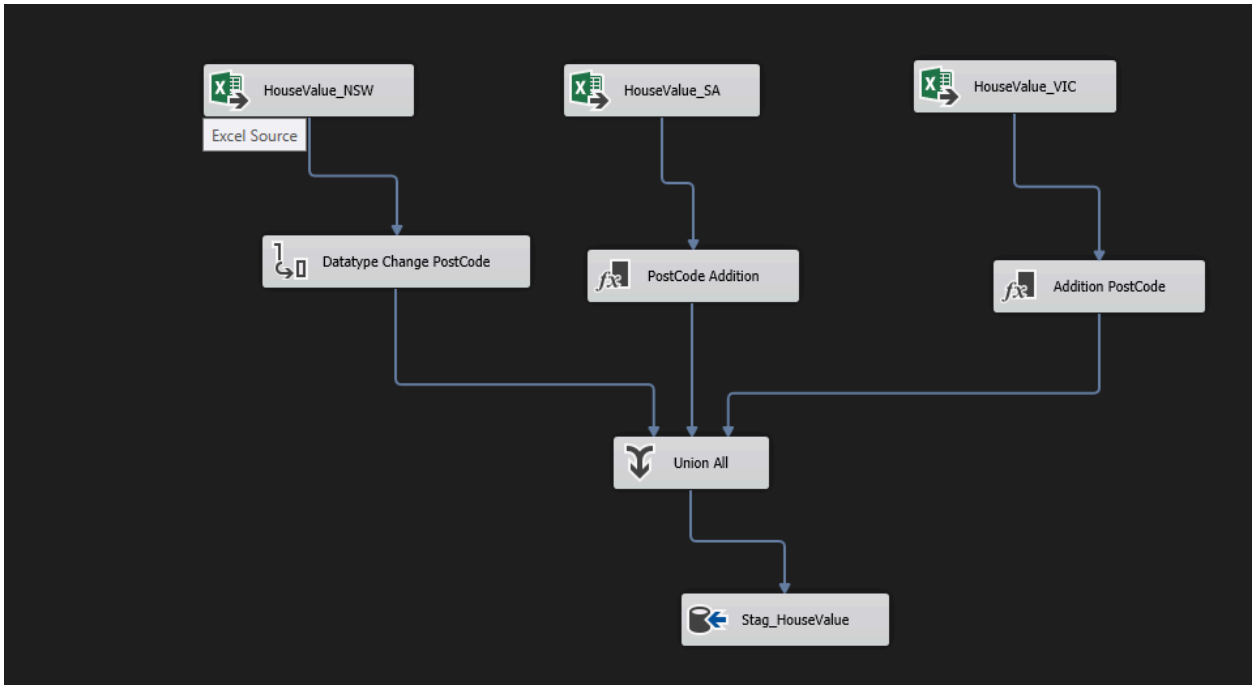
ETL for Staging Tables (Six Tables: Stag_Aus_Suburb, Stag_Aus_Crime, Stag_HouseVaue, Stag_RentalValue, Stag_Transport, Stag_School)

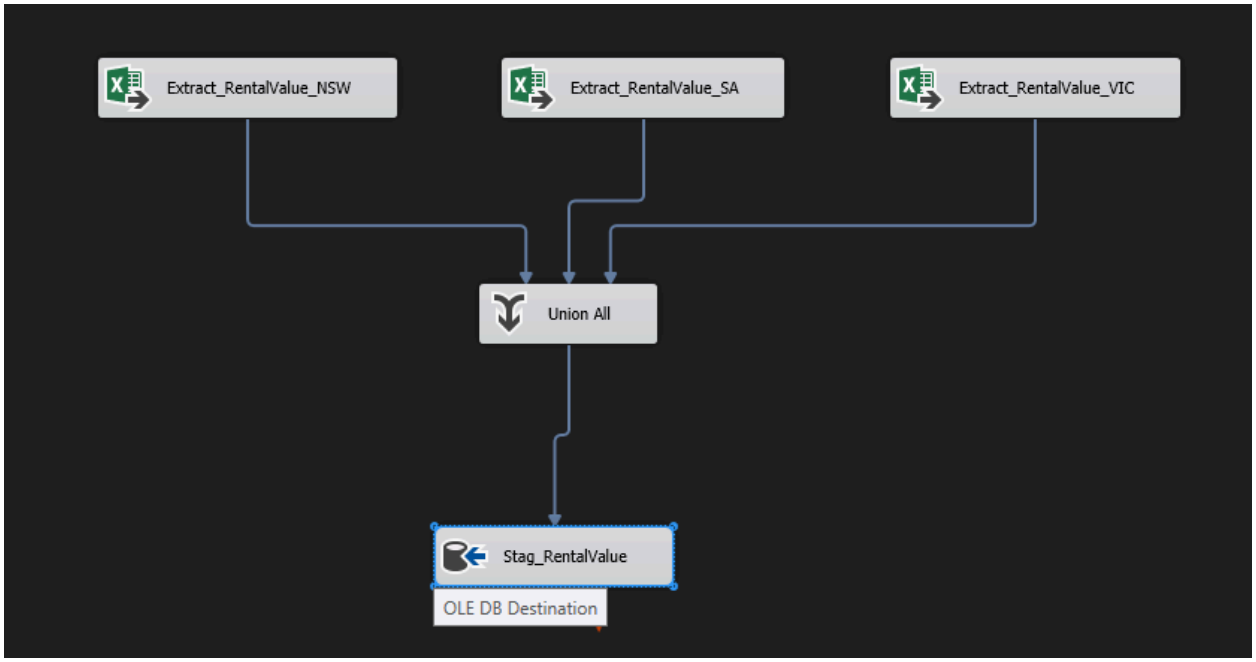


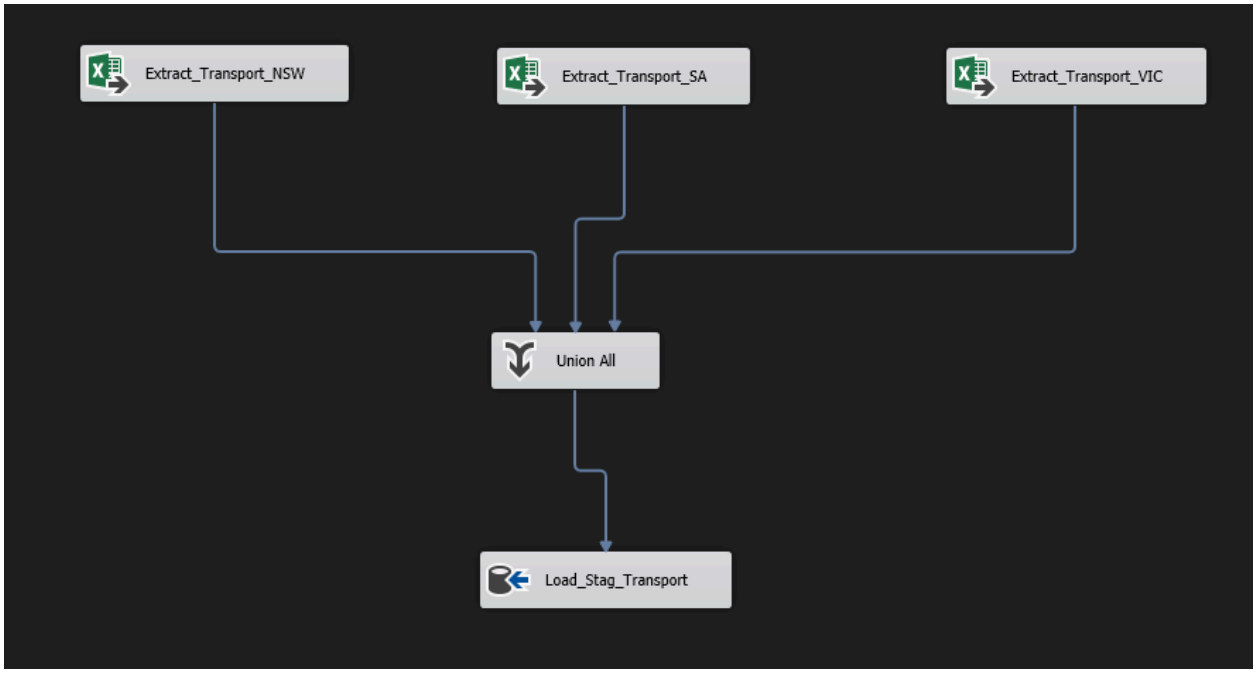

Aus_Suburb
Aus_Crime
HouseValue
RentalValue
Transport
School

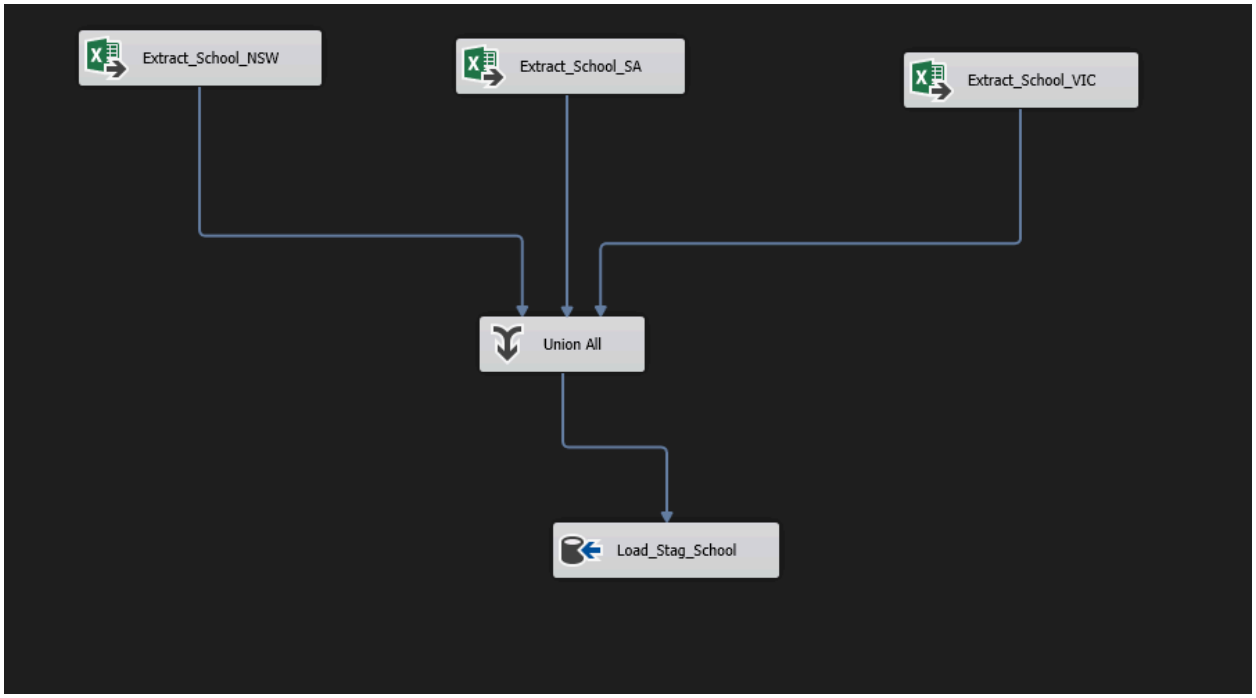

Aus_Suburb
Data Conversion
Load Stag_Aus_Suburb


Extract_Aus_Crime
Excel Source
Data Conversion
Load_AusCrime2

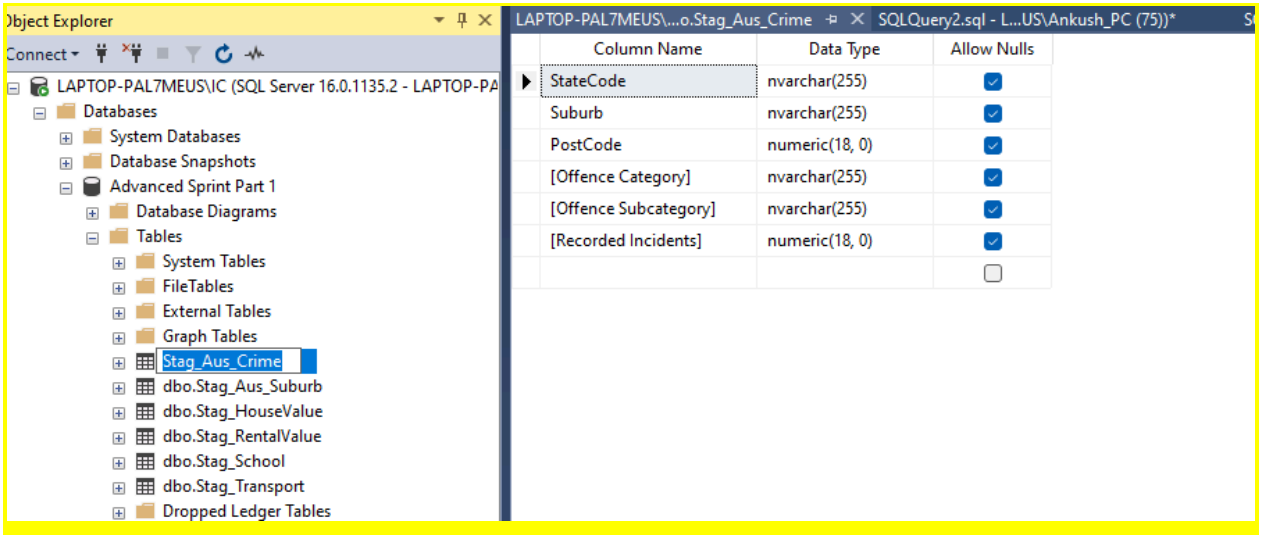

HouseValue_NSW
Excel Source
HouseValue_SA
HouseValue_VIC
Datatype Change PostCode
PostCode Addition
Addition PostCode
Union All
Stag_HouseValue

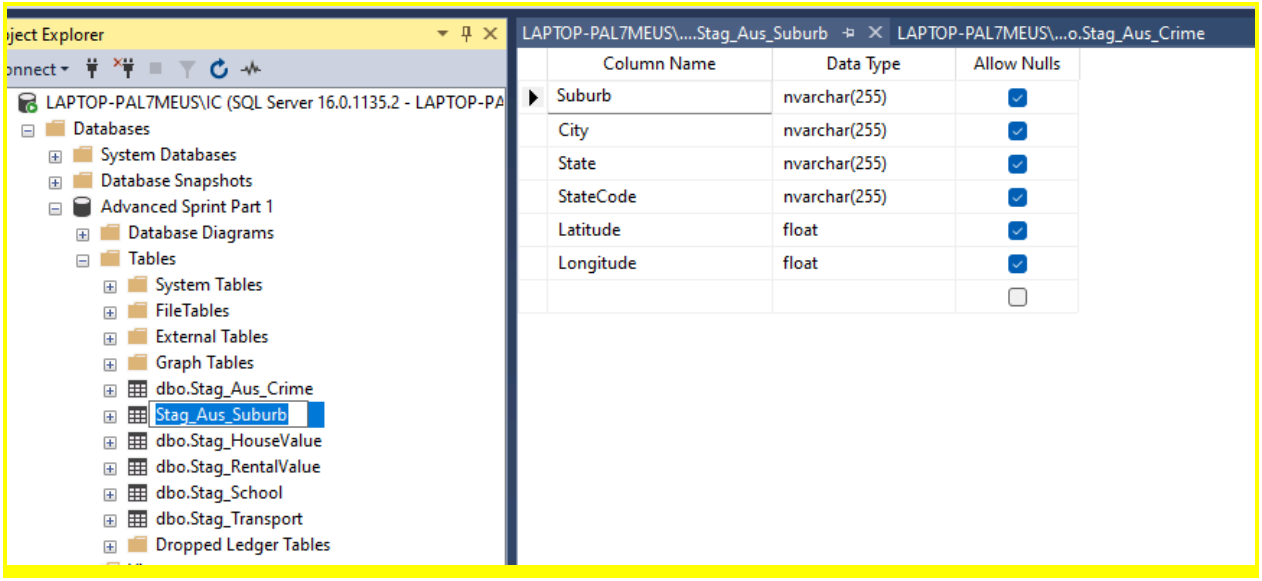

Extract_RentalValue_NSW
Extract_RentalValue_SA
Extract_RentalValue_VIC
Union All
Stag_RentalValue
OLE DB Destination

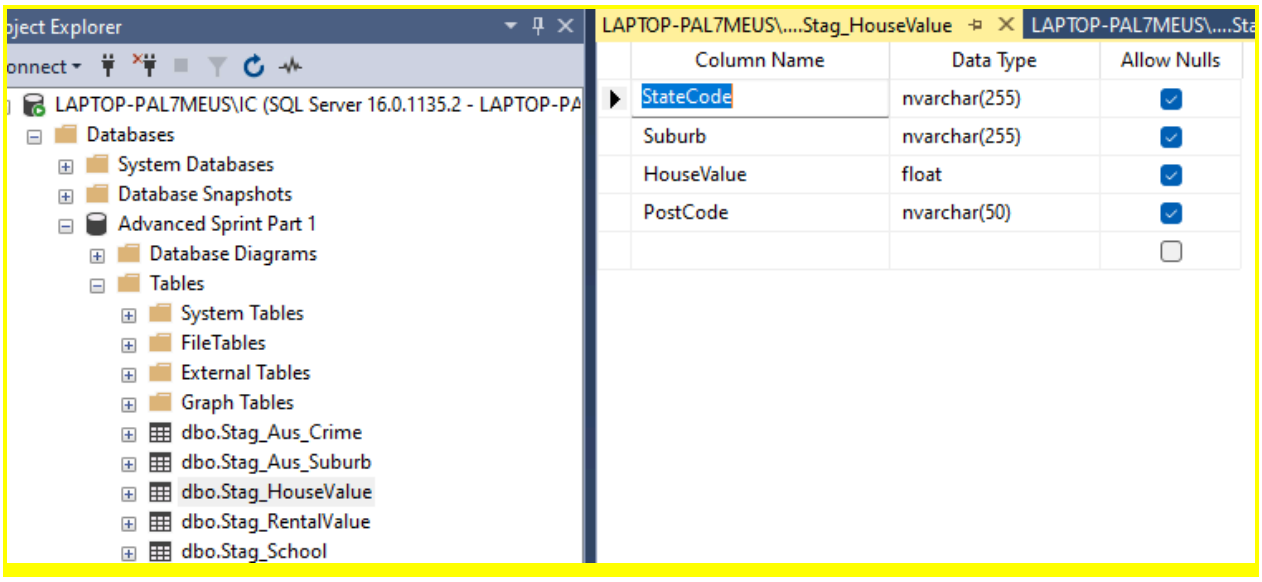

Extract_Transport_NSW
Extract_Transport_SA
Extract_Transport_VIC
Union All
Load_Stag_Transport

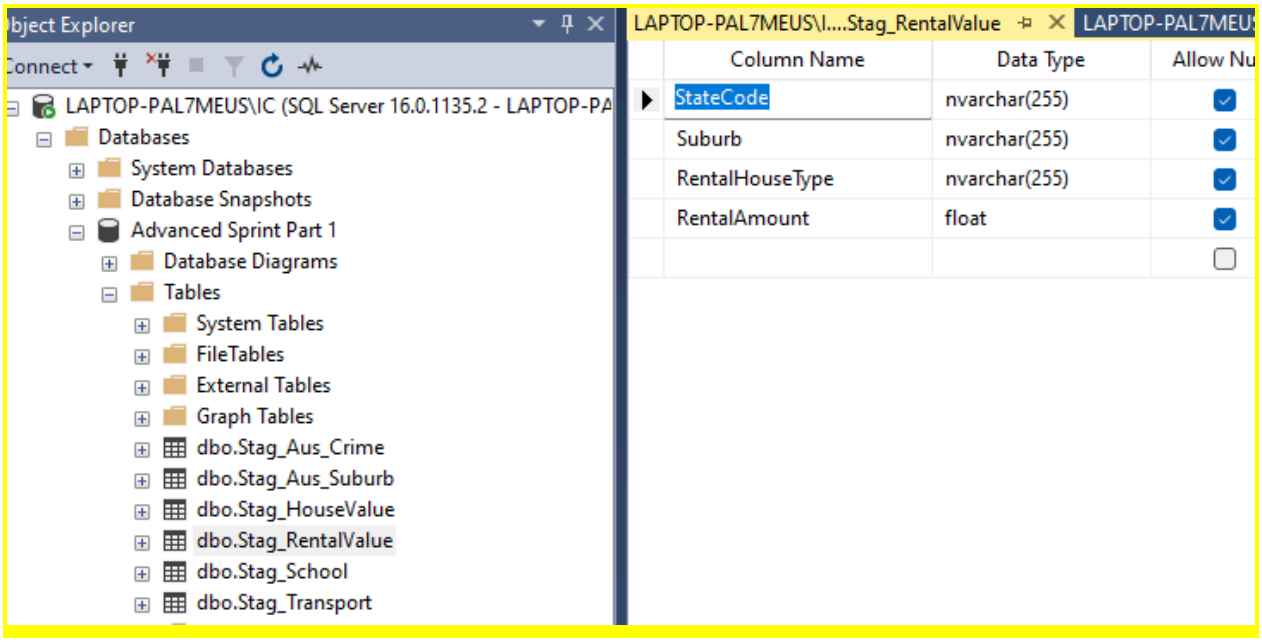

Extract_School_NSW
Extract_School_SA
Extract_School_VIC
Union All
Load_Stag_School

Structure of Six Staging Tables in SQL Server






Object Explorer
Connect
LAPTOP-PAL7MEUS\IC (SQL Server 16.0.1135.2 - LAPTOP-PA
Databases
System Databases
Database Snapshots
Advanced Sprint Part 1
Database Diagrams
Tables
System Tables
FileTables
External Tables
Graph Tables
dbo.Stag_Aus_Crime
dbo.Stag_Aus_Suburb
dbo.Stag_HouseValue
dbo.Stag_RentalValue
dbo.Stag_School
LAPTOP-PAL7MEUS\....Stag_HouseValue
LAPTOP-PAL7MEUS\....Sta
Column Name
Data Type
Allow Nulls
StateCode
nvarchar(255)
Suburb
nvarchar(255)
HouseValue
float
PostCode
nvarchar(50)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LAPTOP-PAL7MEUS\IC (SQL Server 16.0.1135.2 - LAPTOP-PA
Databases
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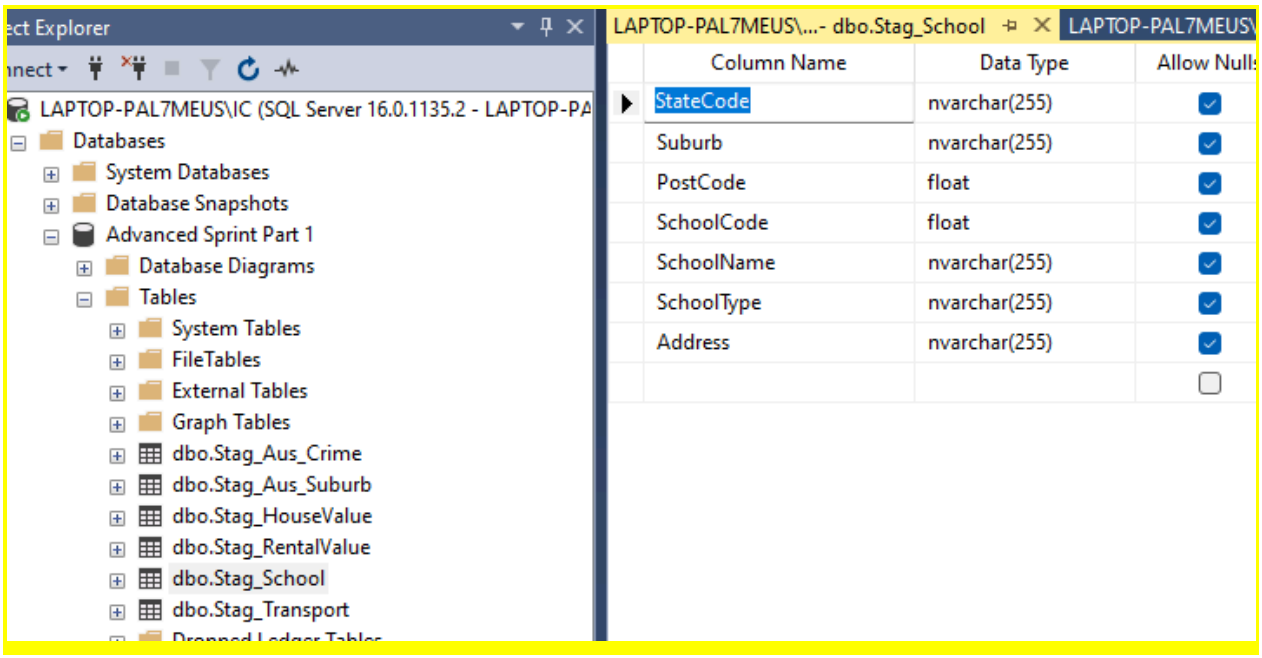
dbo.Stag_Aus_Crime
dbo.Stag_Aus_Suburb
dbo.Stag_HouseValue
dbo.Stag_RentalValue
dbo.Stag_School
dbo.Stag_Transport
LAPTOP-PAL7MEUS\I....Stag_RentalValue
LAPTOP-PAL7MEU
Column Name
Data Type
Allow Nu
StateCode
nvarchar(255)
Suburb
nvarchar(255)
RentalHouseType
nvarchar(255)
RentalAmount
float


ect Explorer
nect
LAPTOP-PAL7MEUS\IC (SQL Server 16.0.1135.2 - LAPTOP-PA
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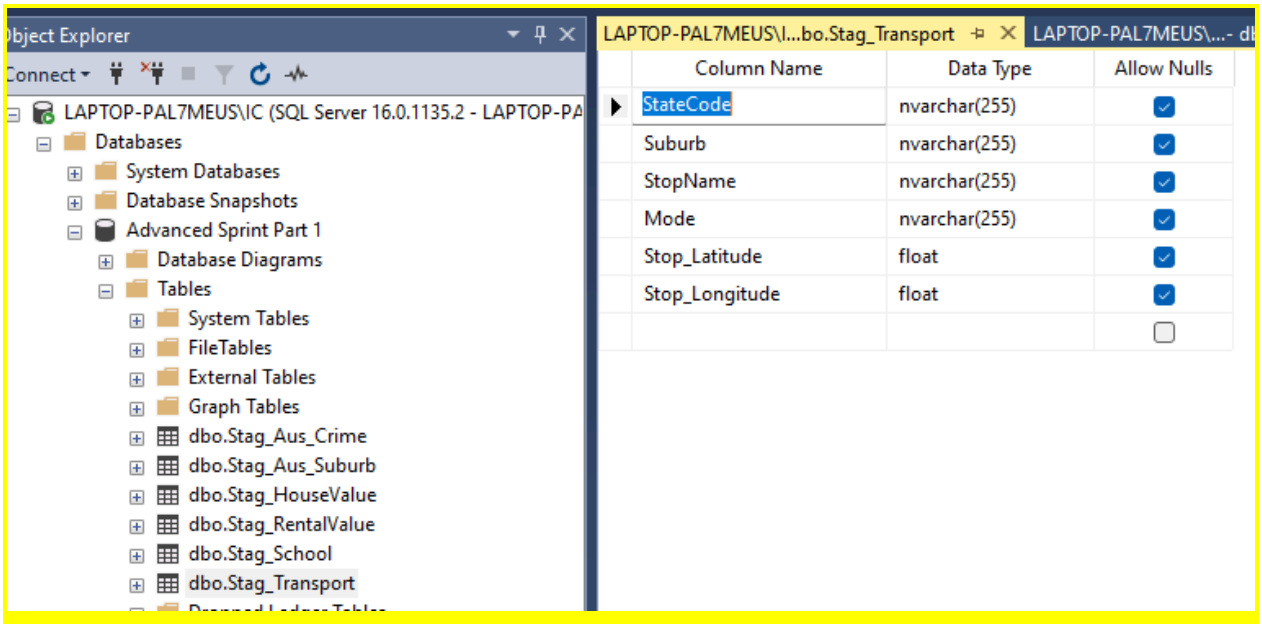
dbo.Stag_Aus_Crime
dbo.Stag_Aus_Suburb
dbo.Stag_HouseValue
dbo.Stag_RentalValue
dbo.Stag_School
dbo.Stag_Transport
LAPTOP-PAL7MEUS\...- dbo.Stag_School
LAPTOP-PAL7MEUS\
Column Name
Data Type
Allow Null
StateCode
nvarchar(255)
Suburb
nvarchar(255)
PostCode
float
SchoolCode
float
SchoolName
nvarchar(255)
SchoolType
nvarchar(255)
Address
nvarchar(255)


bject Explorer
Connect
LAPTOP-PAL7MEUS\IC (SQL Server 16.0.1135.2 - LAPTOP-PA
Databases
System Databases
Database Snapshots
Advanced Sprint Part 1
Database Diagrams
Tables
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FileTables
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dbo.Stag_Aus_Crime
dbo.Stag_Aus_Suburb
dbo.Stag_HouseValue
dbo.Stag_RentalValue
dbo.Stag_School
dbo.Stag_Transport
LAPTOP-PAL7MEUS\I...bo.Stag_Transport
LAPTOP-PAL7MEUS\...- dl
Column Name
Data Type
Allow Nulls
StateCode
nvarchar(255)
Suburb
nvarchar(255)
StopName
nvarchar(255)
Mode
nvarchar(255)
Stop_Latitude
float
Stop_Longitude
float