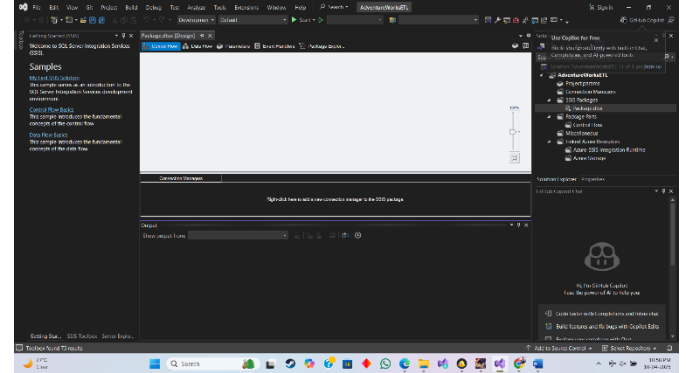
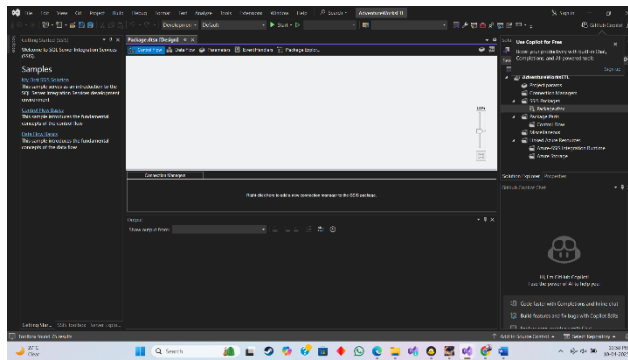


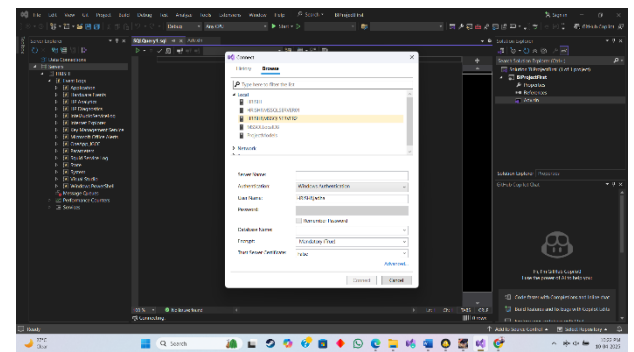
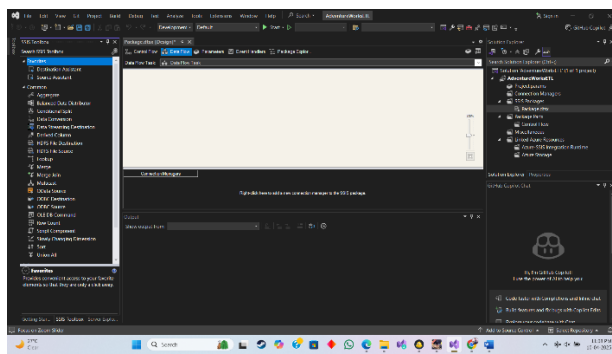
Assignment No. 3

Title: Create the cube with suitable dimension and fact tables based on ROLAP, MOLAP and HOLAP model.

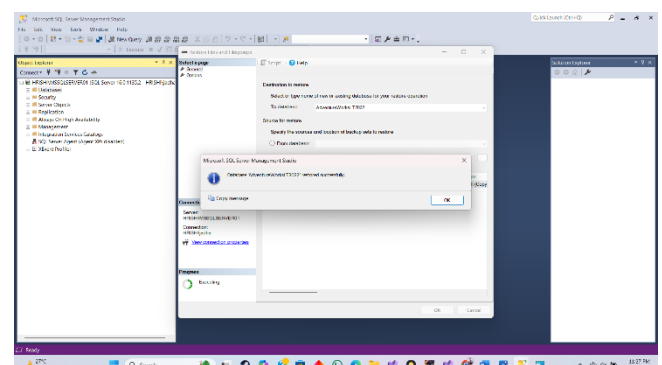
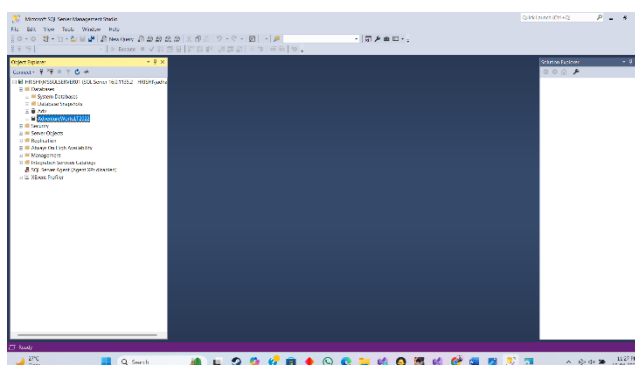
STEP 1: Open Package.dtsx



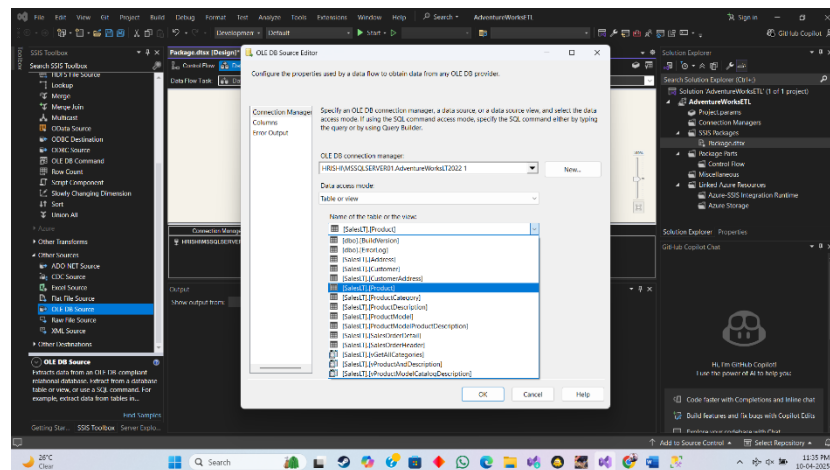
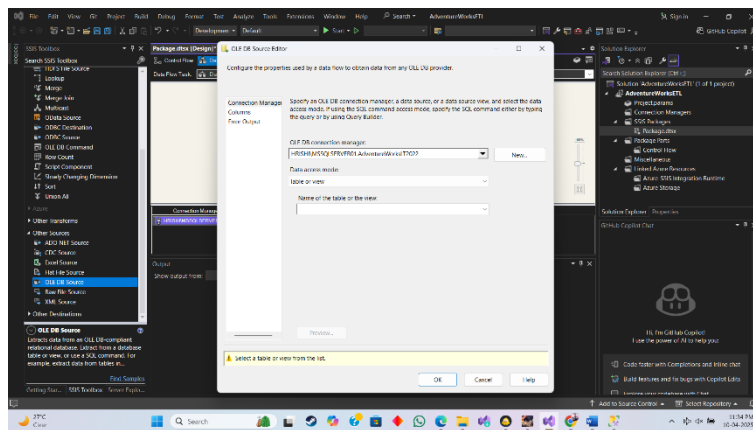
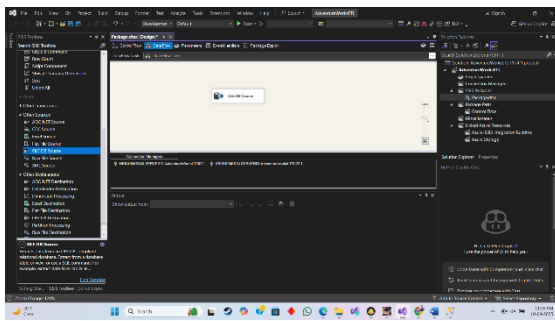
STEP 2: Add a Data Flow Task and connect to server



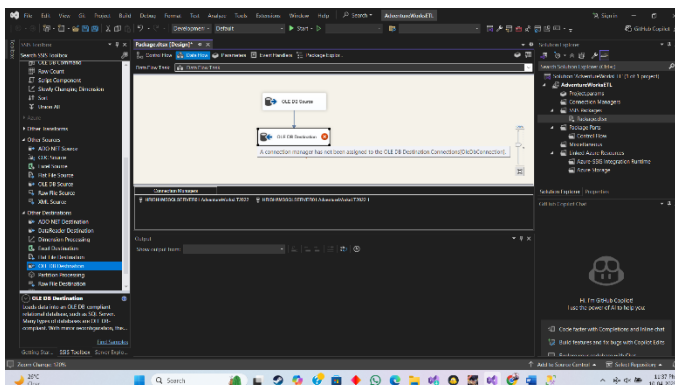
STEP 3: Check Database If not present, create or backup



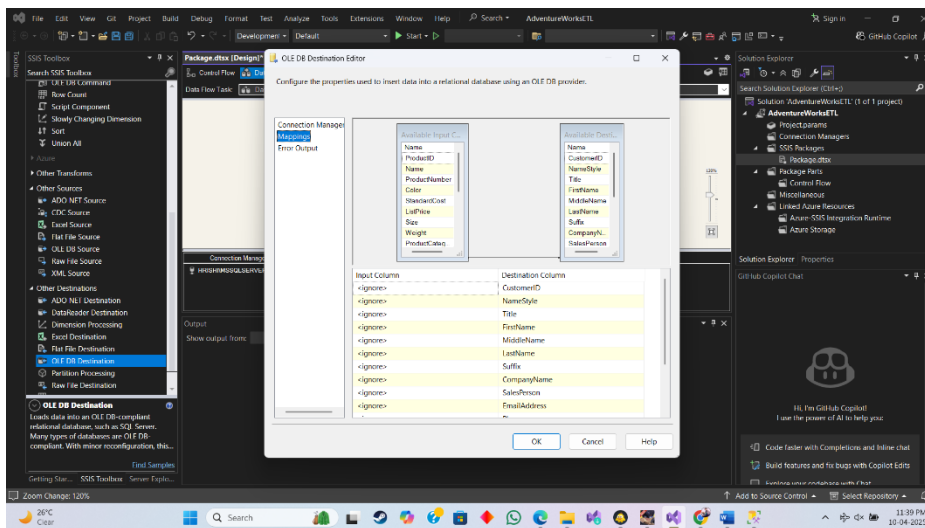
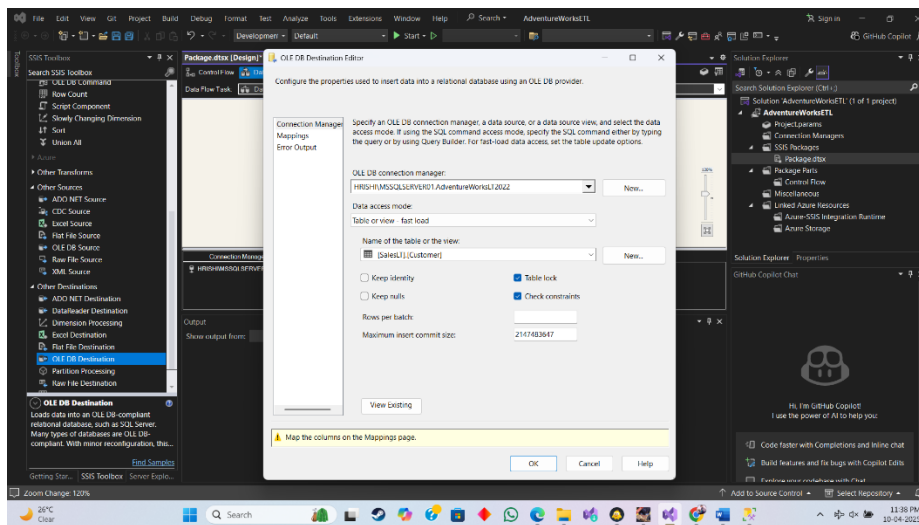
STEP 4: Add and Configure OLE DB Source



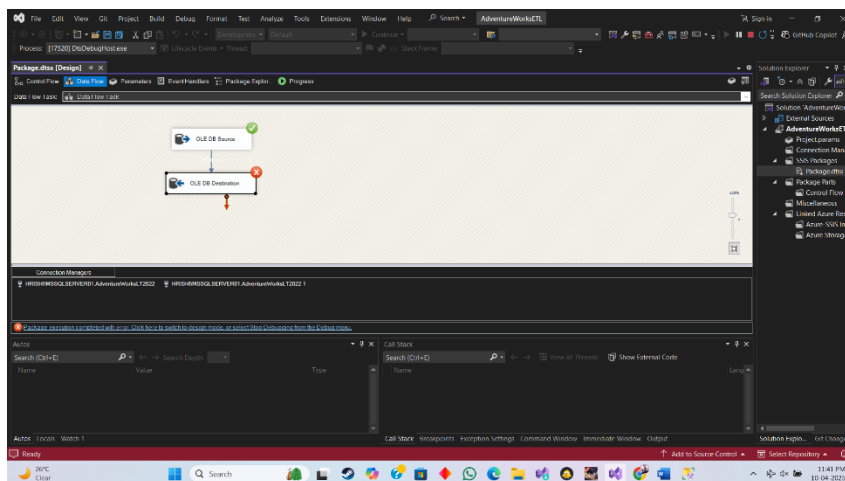
STEP 5: Connect Source and Destination



STEP 6: Add and Configure OLE DB Destination



STEP 7: Save and Run the Package



STEP 8: Verify the Output in SQL Server

The screenshot displays the Microsoft SQL Server Enterprise Manager interface. The left pane shows the Object Explorer with the AdventureWorksLT2022 database selected. The central pane shows a SQL query window with the following code:

```
USE AdventureWorksLT2022;
GO
SELECT * FROM SalesLT.Product;
```

The right pane shows the Results pane with a table of product data. The table has 11 columns: ProductID, Name, ProductNumber, Color, StandardCost, ListPrice, Size, Weight, ProductCategoryID, ProductModelID, and SellStartDate. The data is sorted by ProductID in ascending order. The bottom status bar indicates that the query was executed successfully, returning 295 rows.

ProductID	Name	ProductNumber	Color	StandardCost	ListPrice	Size	Weight	ProductCategoryID	ProductModelID	SellStartDate
1	HL Road Frame - Black, 58	FR-R02B-58	Black	1099.31	1431.50	58	1016.04	18	6	2002-06-01 00:00:00.000
2	HL Road Frame - Red, 58	FR-R02R-58	Red	1099.31	1431.50	58	1016.04	18	6	2002-06-01 00:00:00.000
3	Sport-100 Helmet, Red	HL-U50R-R	Red	13.0863	34.99	NULL	NULL	35	33	2005-07-01 00:00:00.000
4	Sport-100 Helmet, Black	HL-U50B	Black	13.0863	34.99	NULL	NULL	35	33	2005-07-01 00:00:00.000
5	Mountain Bike Socks, M	SO-B90M-M	White	3.3963	9.90	M	NULL	27	18	2005-07-01 00:00:00.000
6	Mountain Bike Socks, L	SO-B90L-L	White	3.3963	9.90	L	NULL	27	18	2005-07-01 00:00:00.000
7	Sport-100 Helmet, Blue	HL-U50B-B	Blue	13.0863	34.99	NULL	NULL	35	33	2005-07-01 00:00:00.000
8	AWC Logo Cap	CA-109B	Multi	6.9223	8.99	NULL	NULL	23	2	2005-07-01 00:00:00.000
9	Long-Sleeve Logo Jersey, S	LJ-0192-S	Multi	38.4923	48.99	S	NULL	25	11	2005-07-01 00:00:00.000
10	Long-Sleeve Logo Jersey, M	LJ-0192-M	Multi	38.4923	48.99	M	NULL	25	11	2005-07-01 00:00:00.000
11	Long-Sleeve Logo Jersey, L	LJ-0192-L	Multi	38.4923	48.99	L	NULL	25	11	2005-07-01 00:00:00.000
12	Long-Sleeve Logo Jersey, XL	LJ-0192-X	Multi	38.4923	48.99	XL	NULL	25	11	2005-07-01 00:00:00.000
13	HL Road Frame - Red, 62	FR-R02R-62	Red	868.6342	1431.50	62	1043.26	18	6	2005-07-01 00:00:00.000
14	HL Road Frame - Red, 44	FR-R02R-44	Red	868.6342	1431.50	44	961.61	18	6	2005-07-01 00:00:00.000
15	HL Road Frame - Red, 48	FR-R02R-48	Red	868.6342	1431.50	48	979.75	18	6	2005-07-01 00:00:00.000
16	HL Road Frame - Red, 52	FR-R02R-52	Red	868.6342	1431.50	52	997.90	18	6	2005-07-01 00:00:00.000
17	HL Road Frame - Red, 56	FR-R02R-56	Red	868.6342	1431.50	56	1016.04	18	6	2005-07-01 00:00:00.000
18	LL Road Frame - Black, 58	FR-R38B-58	Black	204.6251	337.22	58	1115.83	18	9	2005-07-01 00:00:00.000
19	LL Road Frame - Black, 60	FR-R38B-60	Black	204.6251	337.22	60	1124.90	18	9	2005-07-01 00:00:00.000
20	LL Road Frame - Black, 62	FR-R38B-62	Black	204.6251	337.22	62	1133.96	18	9	2005-07-01 00:00:00.000
21	LL Road Frame - Red, 44	FR-R38R-44	Red	187.1571	337.22	44	1052.33	18	9	2005-07-01 00:00:00.000
22	LL Road Frame - Red, 48	FR-R38R-48	Red	187.1571	337.22	48	1070.47	18	9	2005-07-01 00:00:00.000
23	LL Road Frame - Red, 52	FR-R38R-52	Red	187.1571	337.22	52	1088.61	18	9	2005-07-01 00:00:00.000