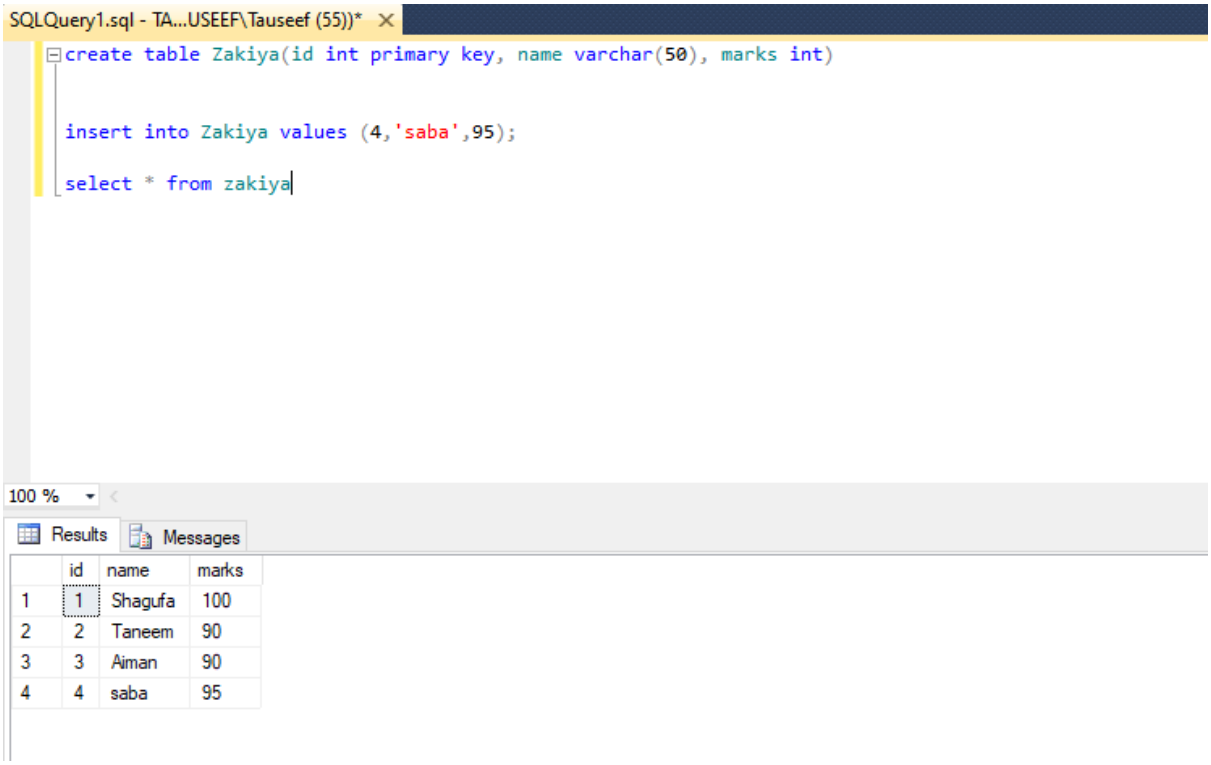
Experiment 2

Aim: *ETL using SQL Server Integration Service (SSIS)*

Theory:

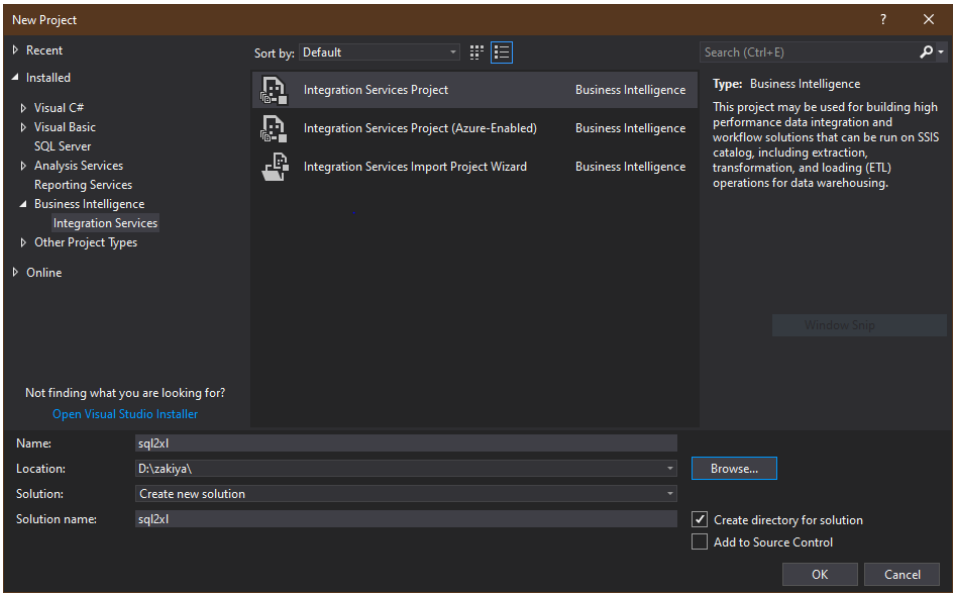
SQL Server to Excel:

SQL Server Data: (Input)

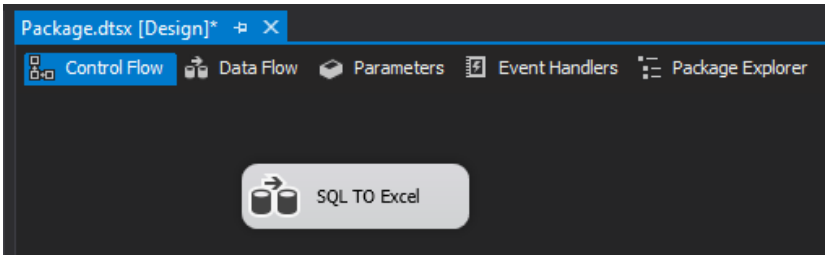


	id	name	marks
1	1	Shagufa	100
2	2	Taneem	90
3	3	Aiman	90
4	4	saba	95

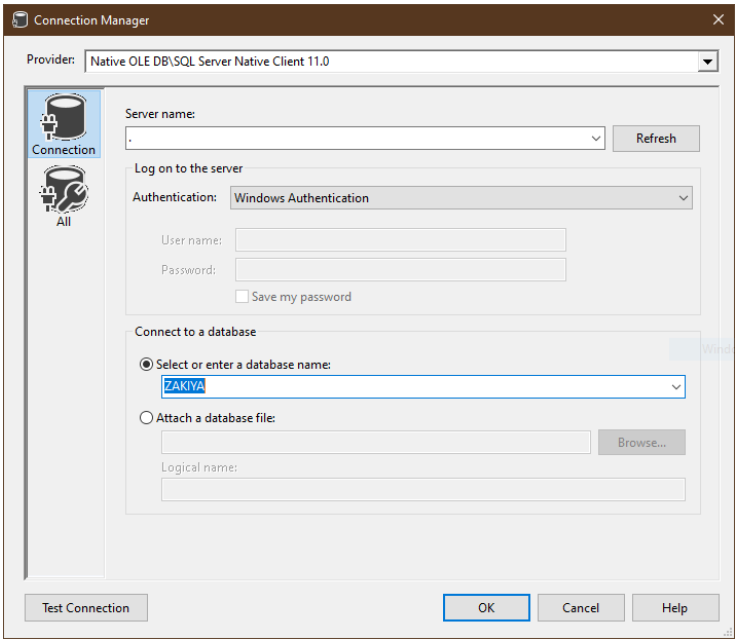
Create a New Integration Service Project:

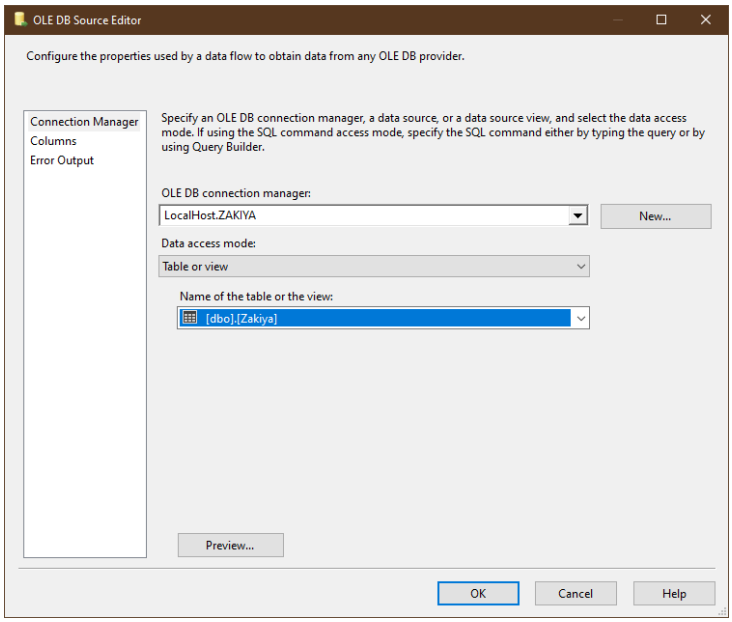


Create a Data Flow Task:

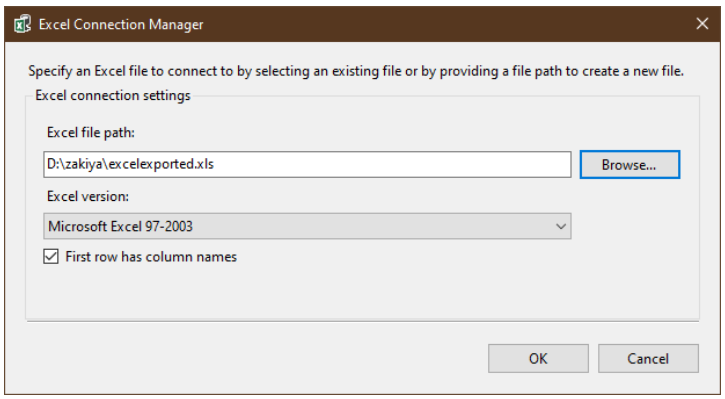


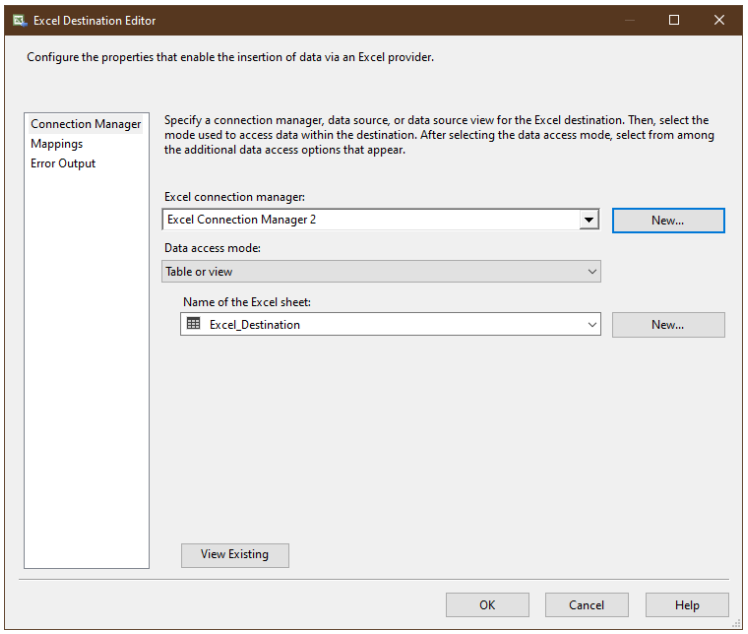
Create an SQL Connection:



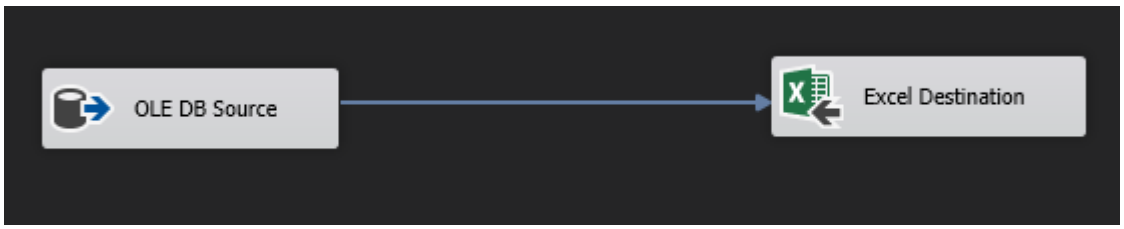


Create an Excel Connection:

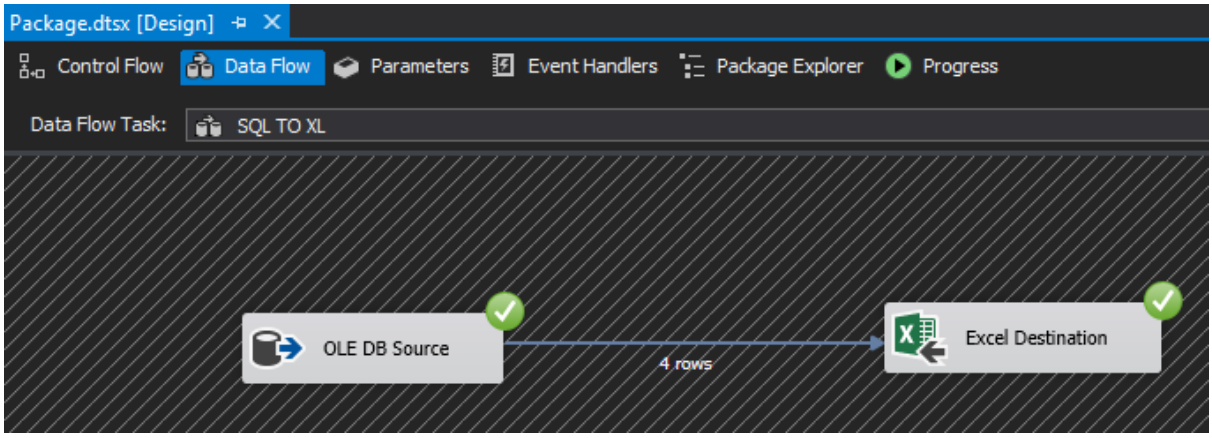




Data Flow Task after Setup:



Executing the Data Flow Task:



Excel Data: (Output)

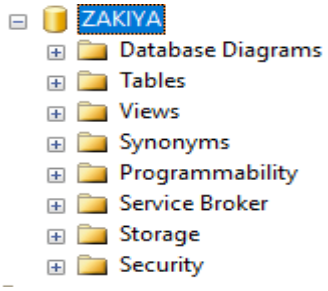
id	name	marks
1	Shagufa	100
2	Taneem	90
3	Aiman	90
4	saba	95

Excel to SQL Server:

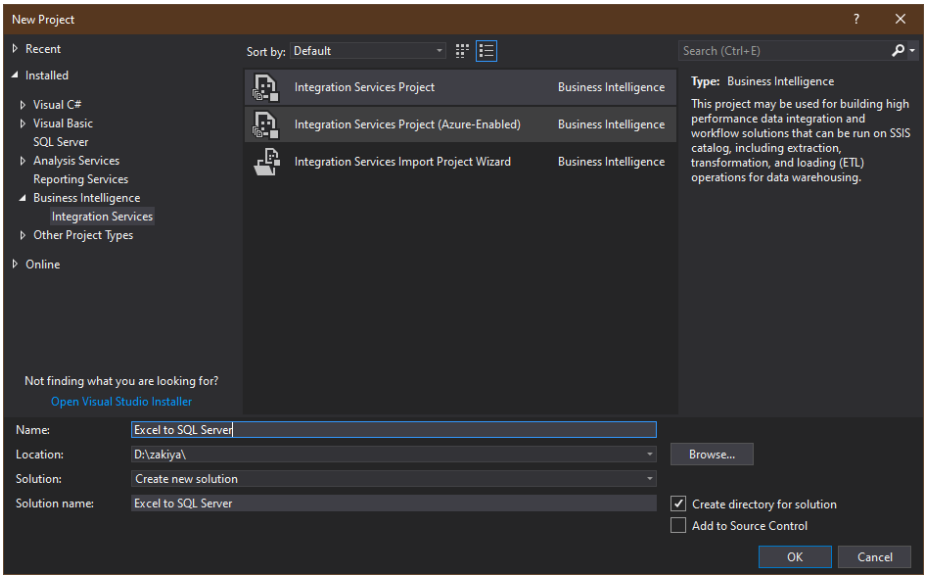
Excel Data: (Input) (Student)

eid	ename	salary
11	zakiya	30000
22	sara	34000
33	john	20000
44	harry	19000

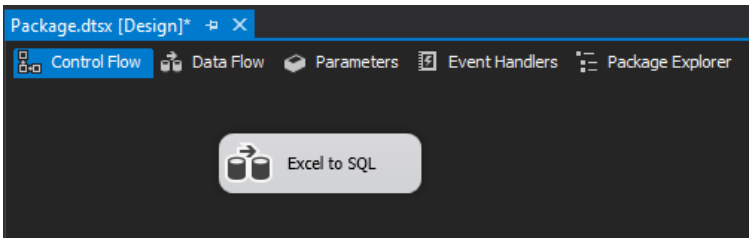
Create a SQL Database: (Zakiya)



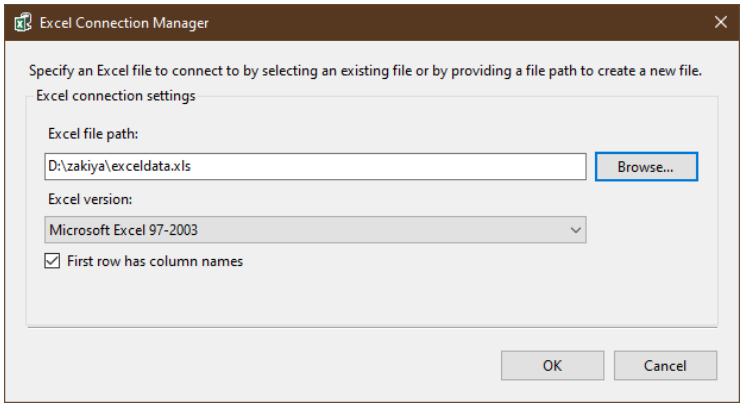
Create a New Integration Service Project:

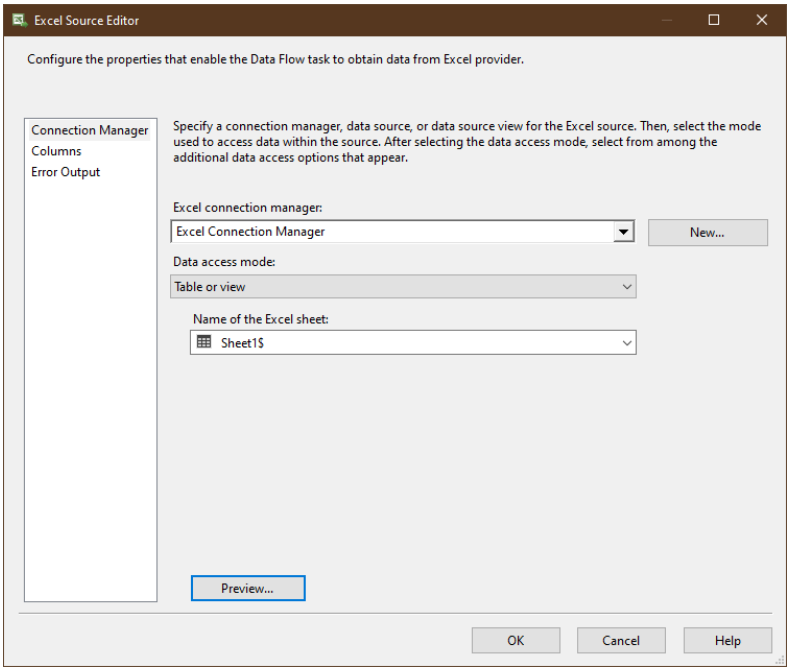


Create a Data Flow Task:

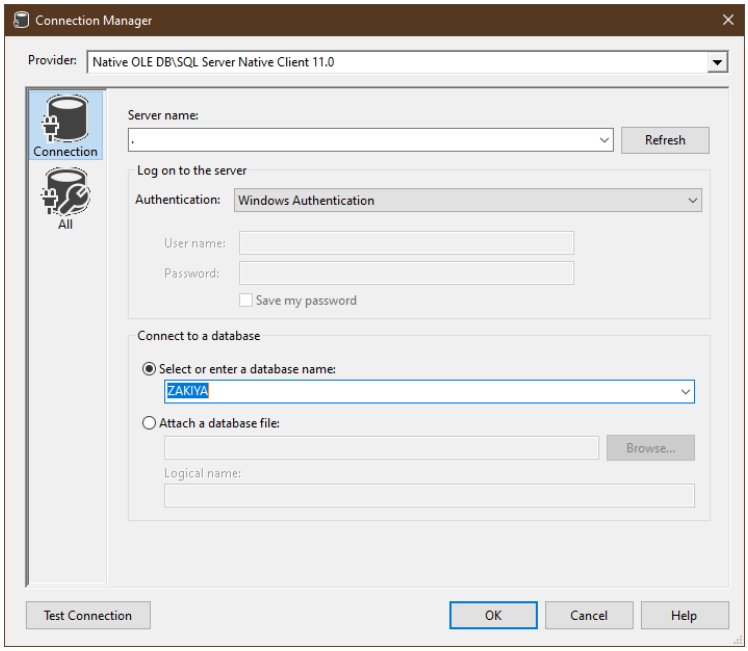


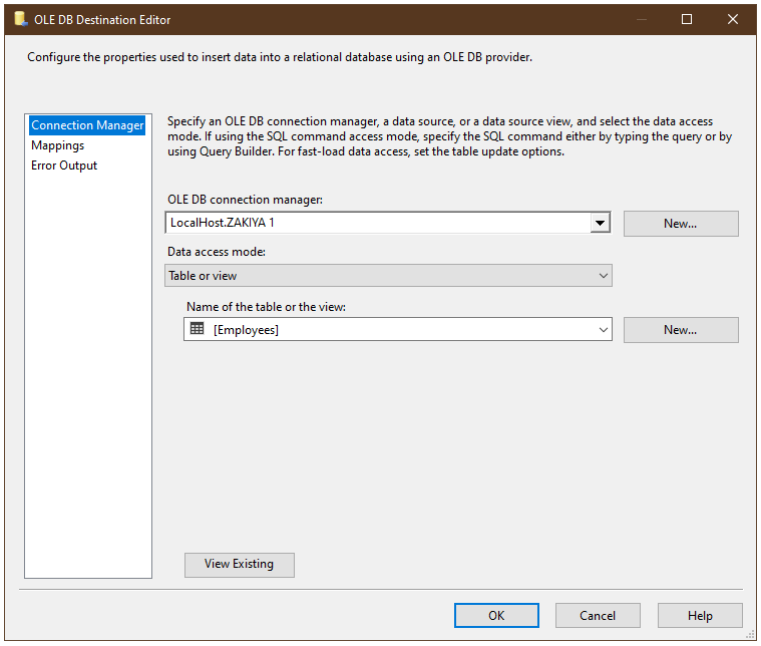
Create an Excel Connection:



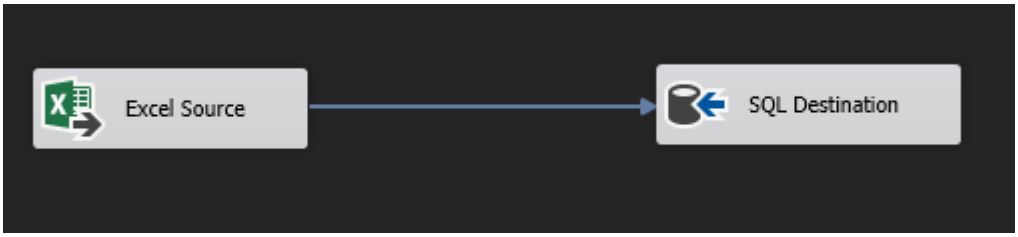


Create a SQL Connection:

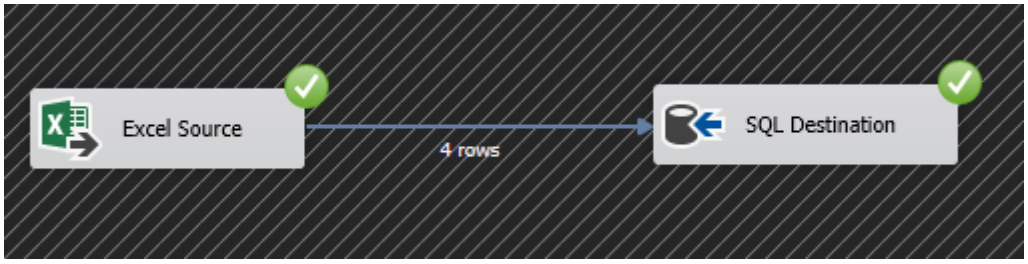




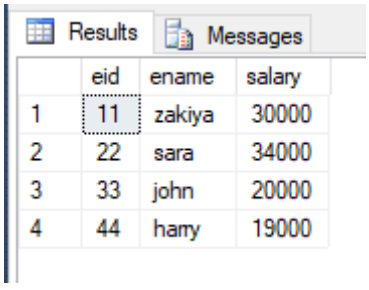
Data Flow Task after Setup:



Executing the Data Flow Task:



SQL Server Data: (Output)



Results | Messages

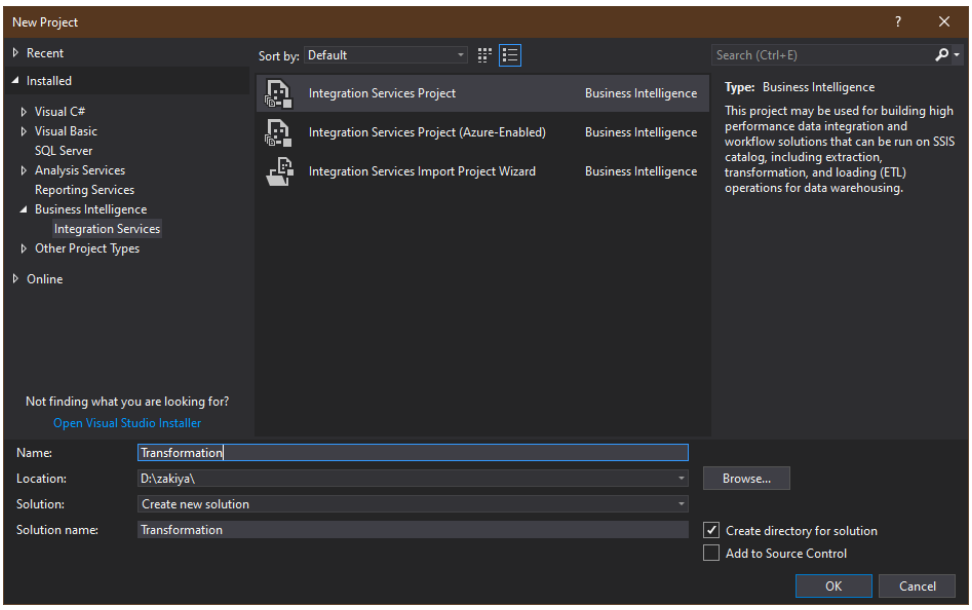
	eid	ename	salary
1	11	zakiya	30000
2	22	sara	34000
3	33	john	20000
4	44	harry	19000

Data Scripting:

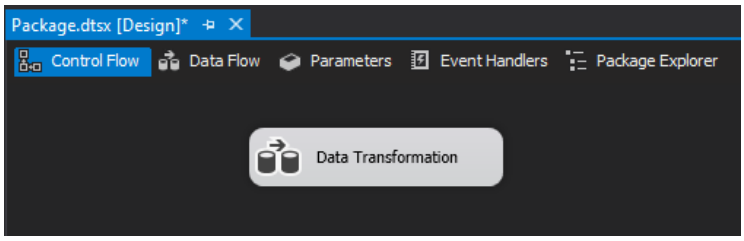
Excel Data: (Input)

patient id	name
101	John
102	Rohan
103	Smith
104	Rayyan
105	Mark

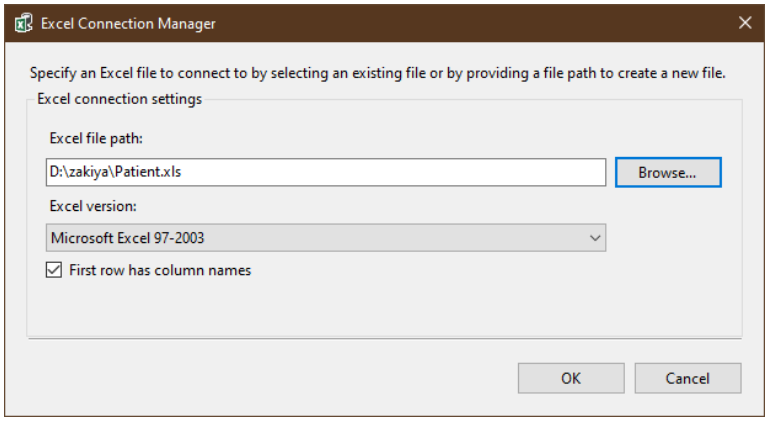
Create a New Integration Service Project:

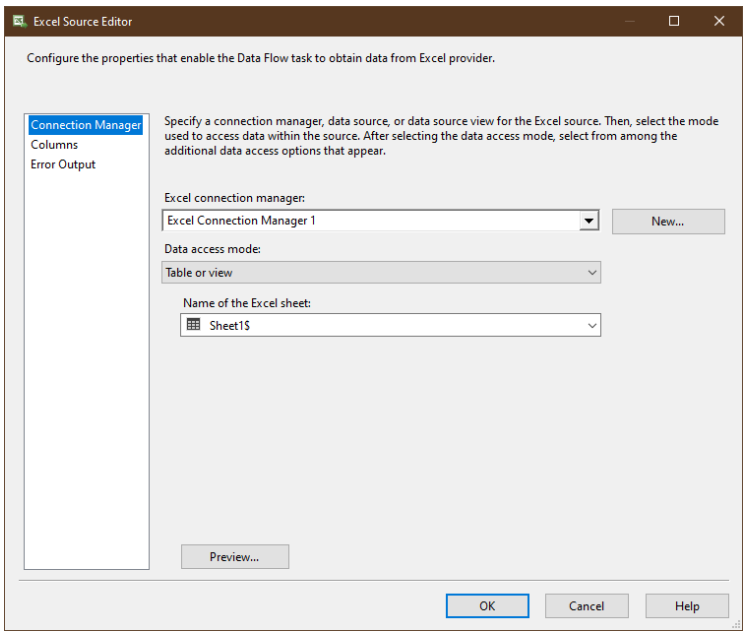


Create a Data Flow Task:

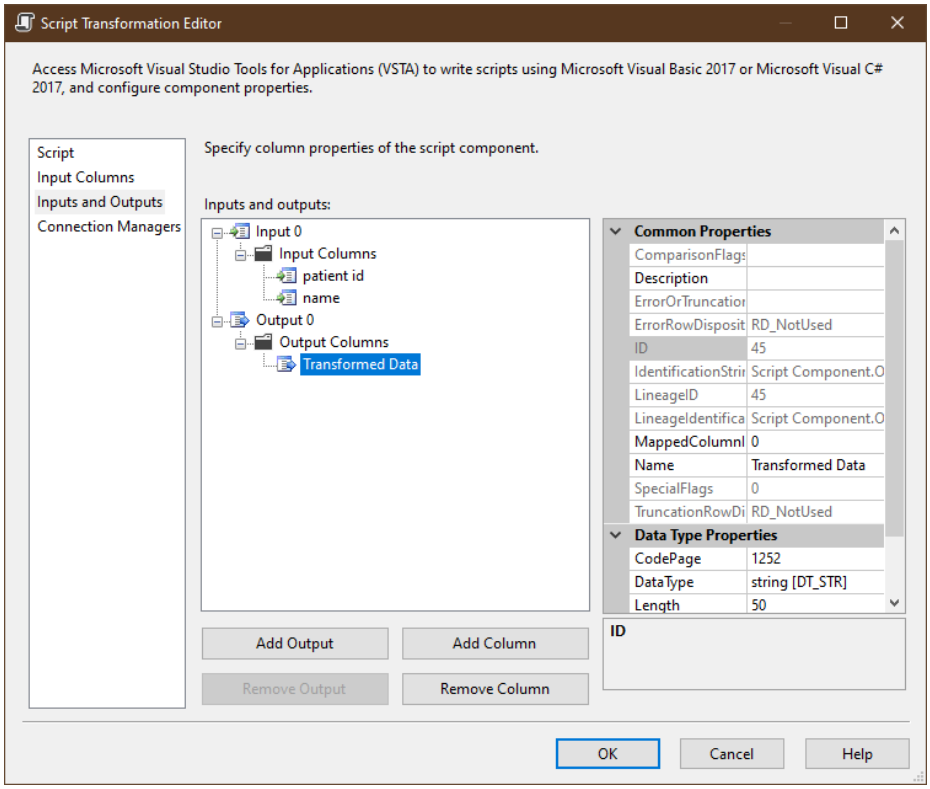


Create an Excel Connection:

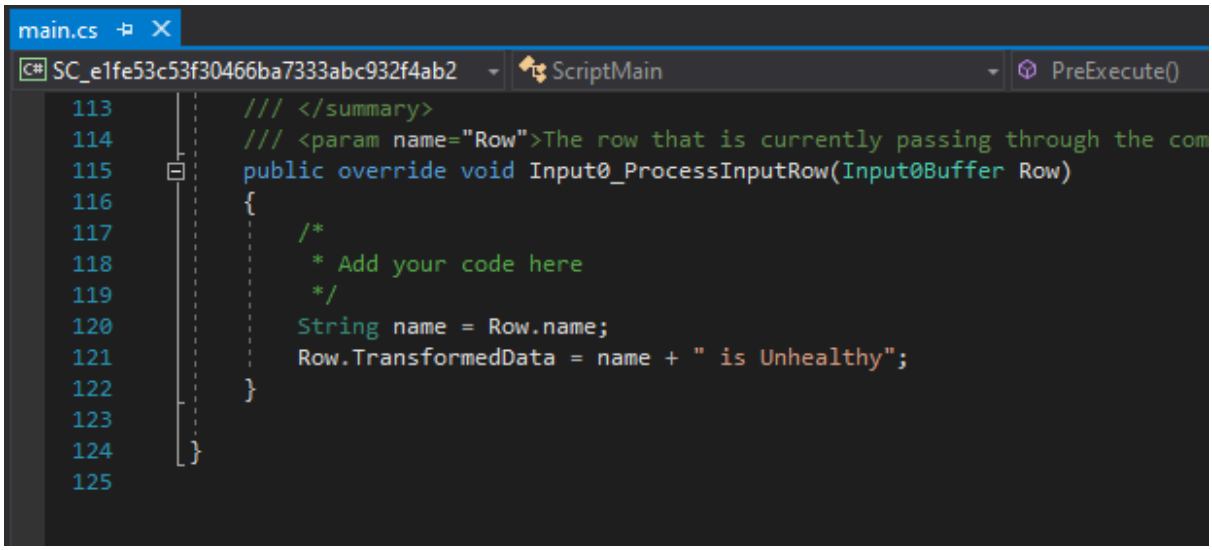




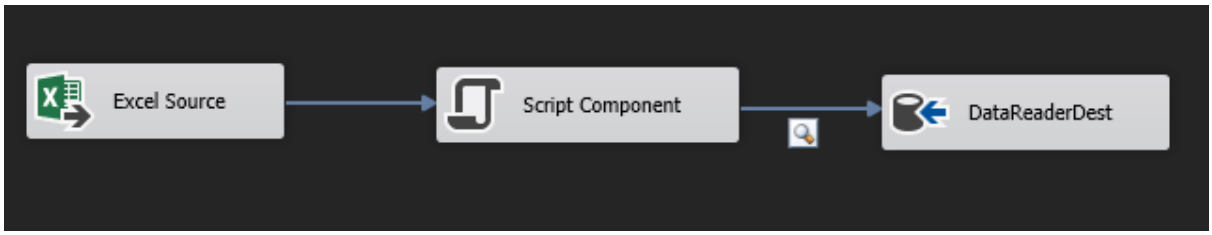
Script Transformation:



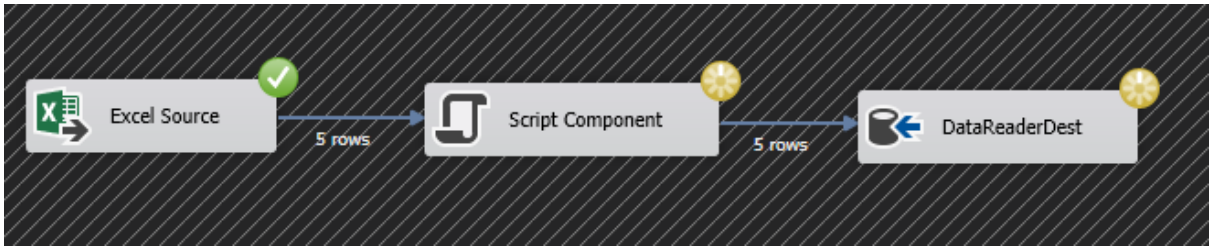
Edit Script:



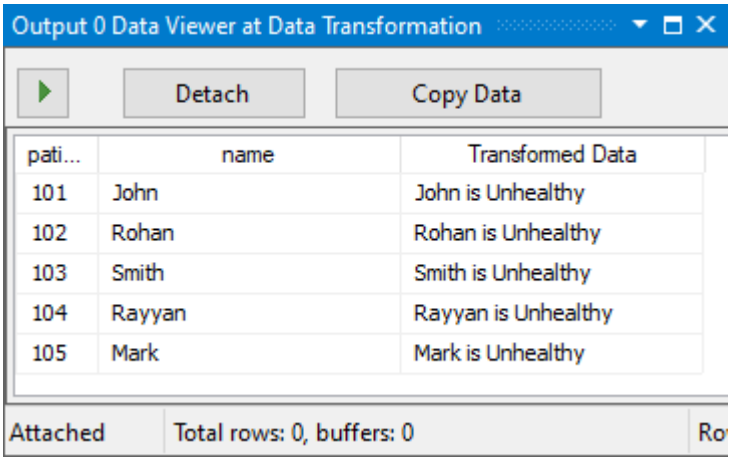
Data Flow Task after Setup:



Executing the Data Flow Task:



Data View after Transformation:



Conclusion:

Thus we have performed ETL using SQL Server Integration Service (SSIS)