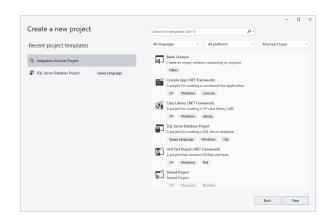
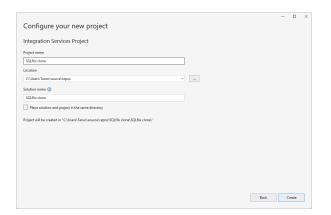


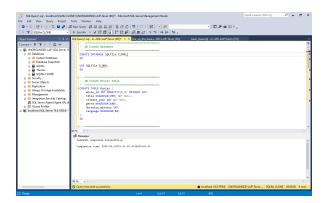
## **SQLflix SSIS Integration**



Use the Microsoft Visual Studio to create an **Integration Services Project**.

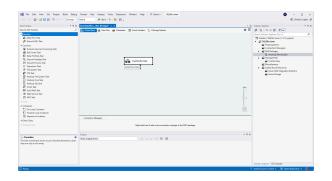


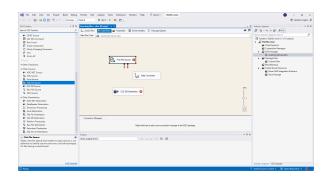
Name the project of your choice, no restrictions to that!

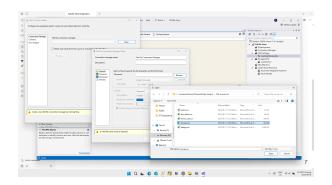


Get the schema ready before inserting the data into the database.

The SQL query is given in the github repository under schema.







Drag and drop the data flow block onto the plane and rename the block to "Inserting the Movie Data".

**Rename** the packet from the solution explorer from the right pane, its your choice to rename.

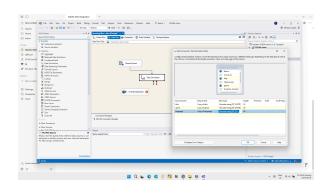
Naming conventions are for a matter of clarity.

On the top pane, select **Data Flow**, or double click on the Data Flow Block renamed earlier on the **Control Flow** canvas.

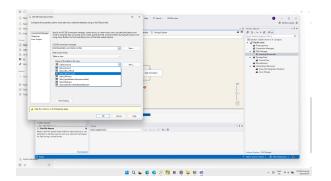
Select, drag and drop the source of files, here it is flat file as a source

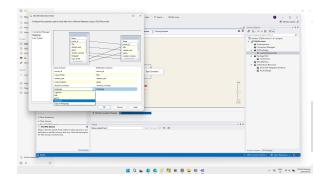
Use the **Data Conversion Block** from the common hierarchy and the **OLDB Destination**, where the data is actually inserted.

Double click on flat file source, and with a new connection manager, connect the **CSV file**, by navigating through the location.



Color Color





After connecting the CSV source, head on to the arrow and connect to the **Data Conversion Block**.

Data conversion is necessary as CSV stores **STRING** in a format ununderstandable by databases.

Convert all the string columns to **UNICODE STRING.** 

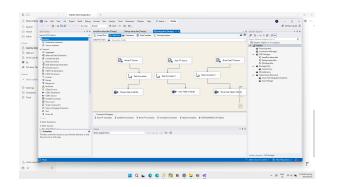
Connect to the database, make sure your using **SSMS** and the connection is active.

Make a new connection and name your Server, and select the Database, for now SQLflix CLONE which I am using.

Now you can select after the successful connection.

The most important step is to map the correct columns to the database, the converted columns in the **Data Conversion Step**, use the **columns** here.

The columns will be named as "copy of column\_name"



**Similarly** you retrace the steps for all the CSV files.

Insert them by running the package, all **green ticks** indicate successful insertion.



After Successful insertion return back to SSMS, close the Visual Studio 2022 and run the queries in the "Fire up your Base" to check the PK-FK relations, number of records, and the integrity of the data inserted without NULL values.