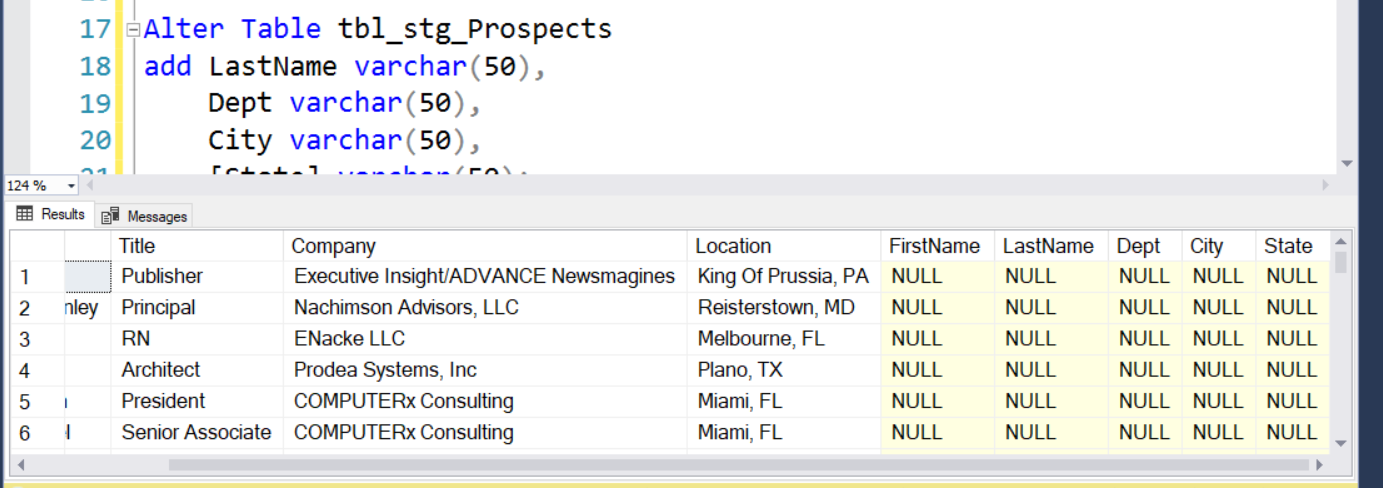
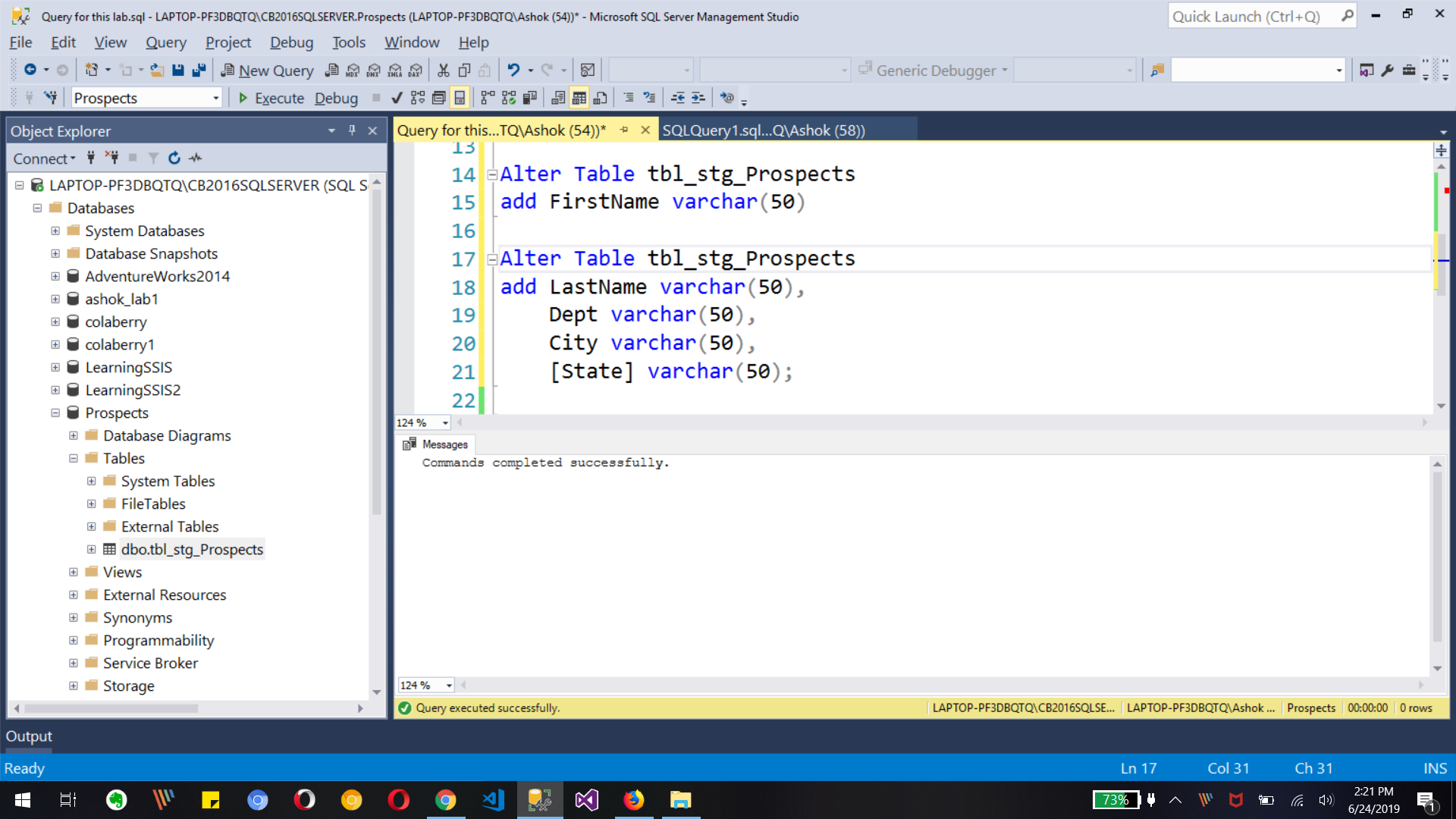
/\* Ashok

Data Profiling Lab

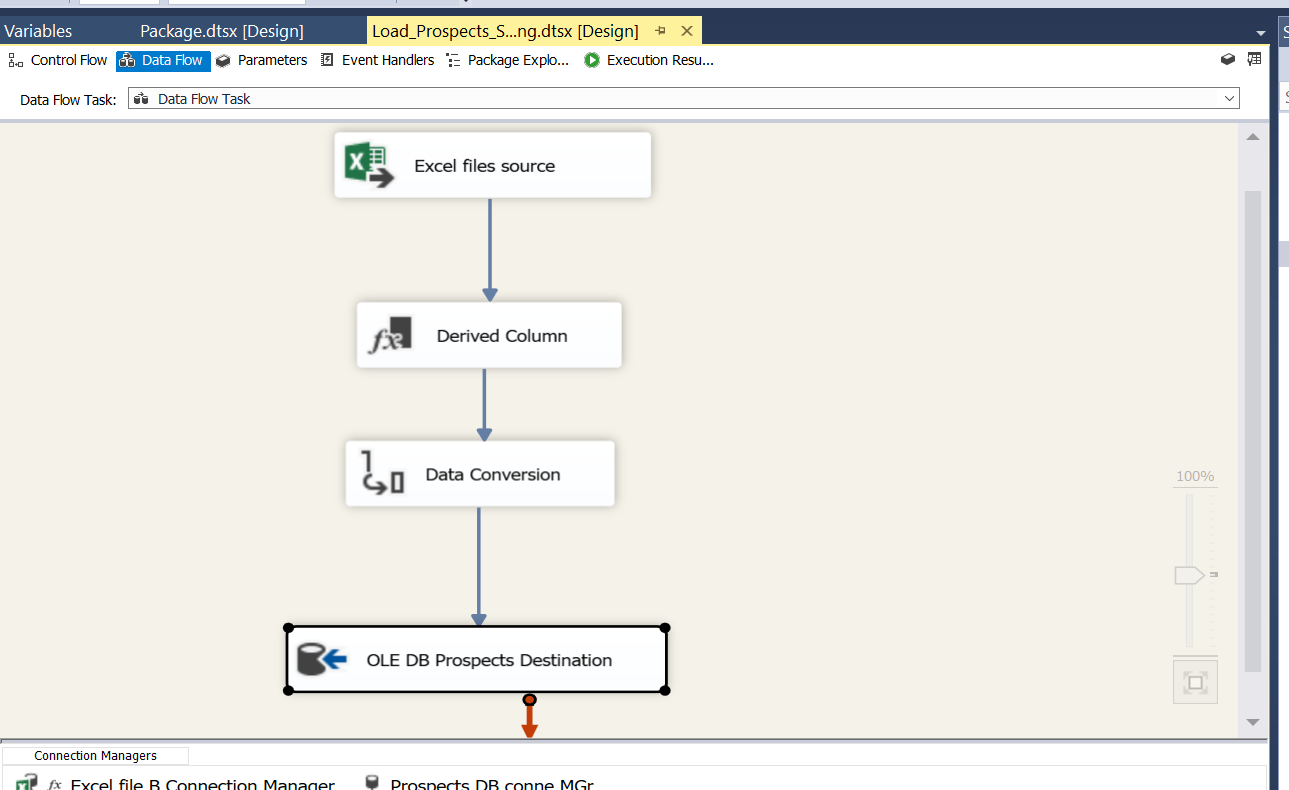
6.24.19\*/

1…. Alter table

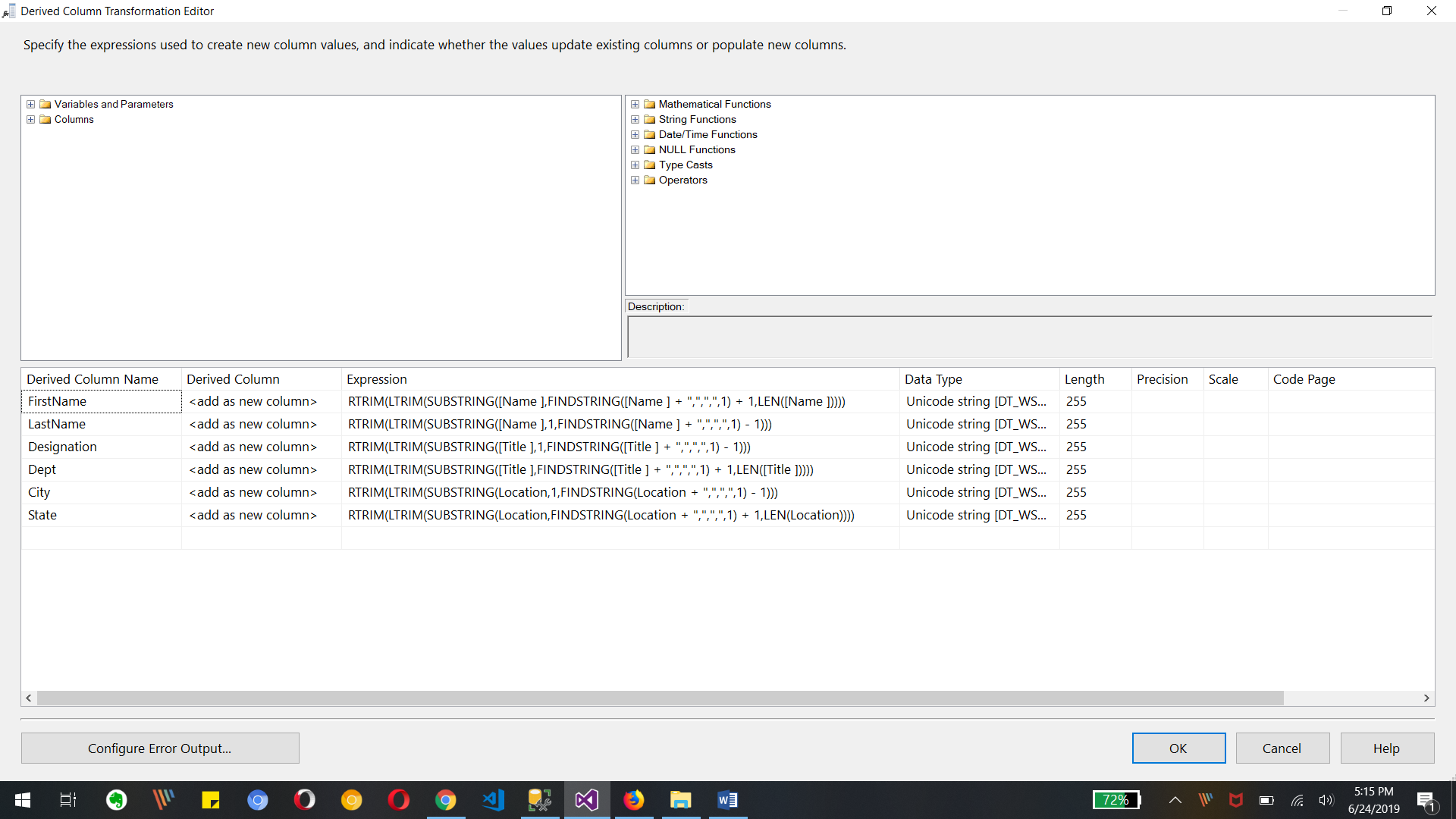


2. Modify Load\_Prospects\_Staging.dtsx to include the following

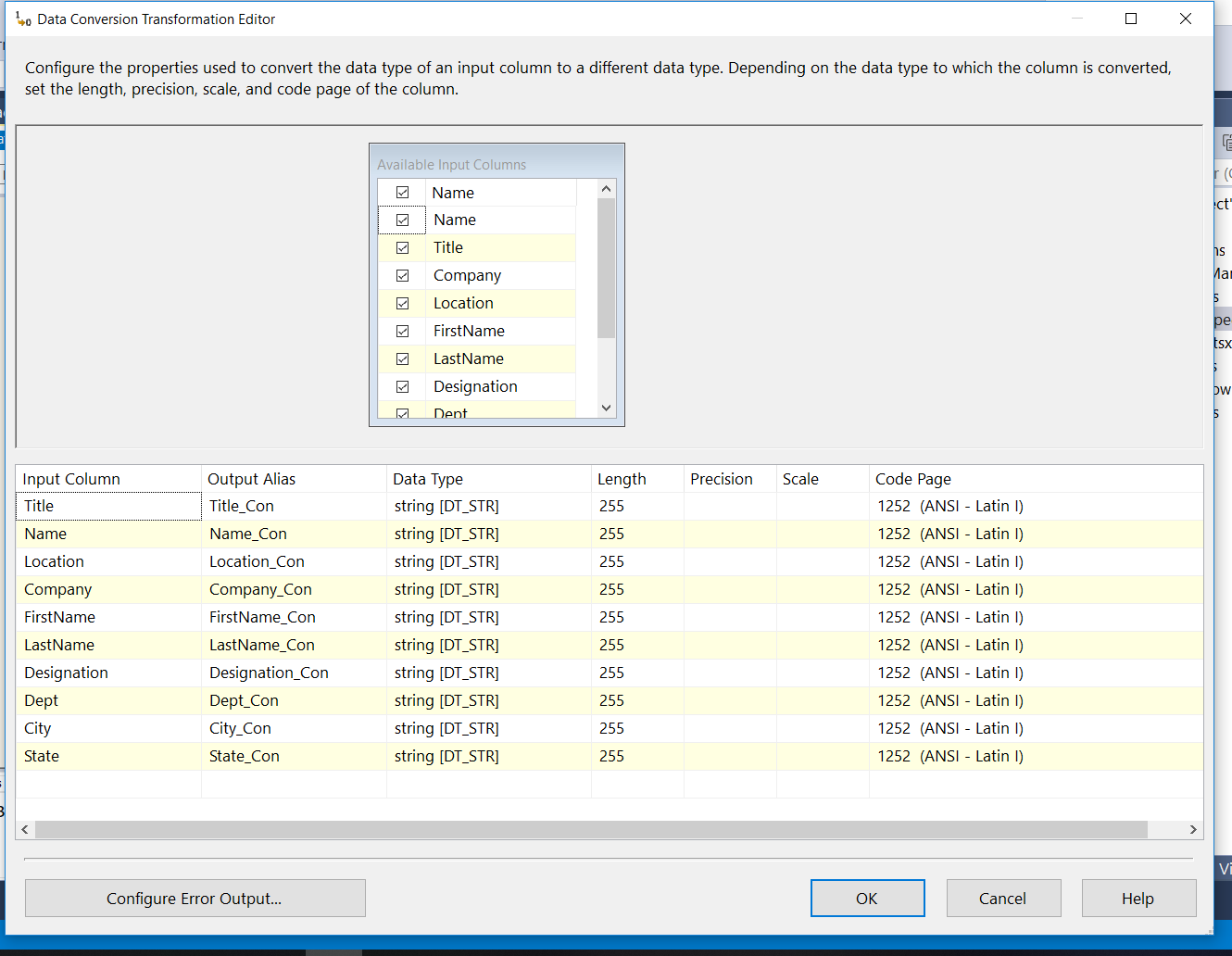
a. split the excel columns to populate appropriate information in the newly added fields in tbl\_stg\_Prospects table.



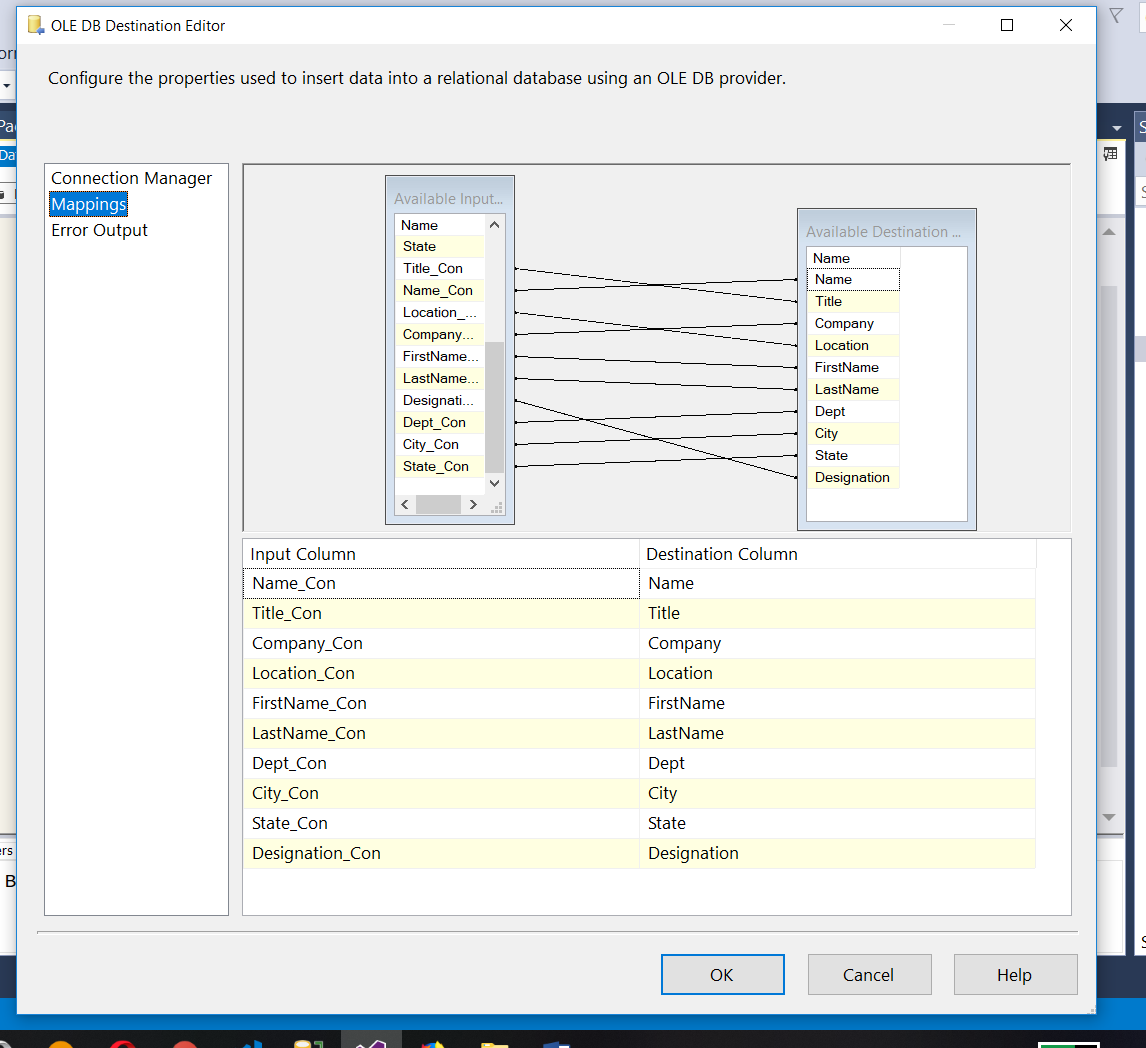
We can use Derived Column to get data for newly added columns to SQL table from Excel file.



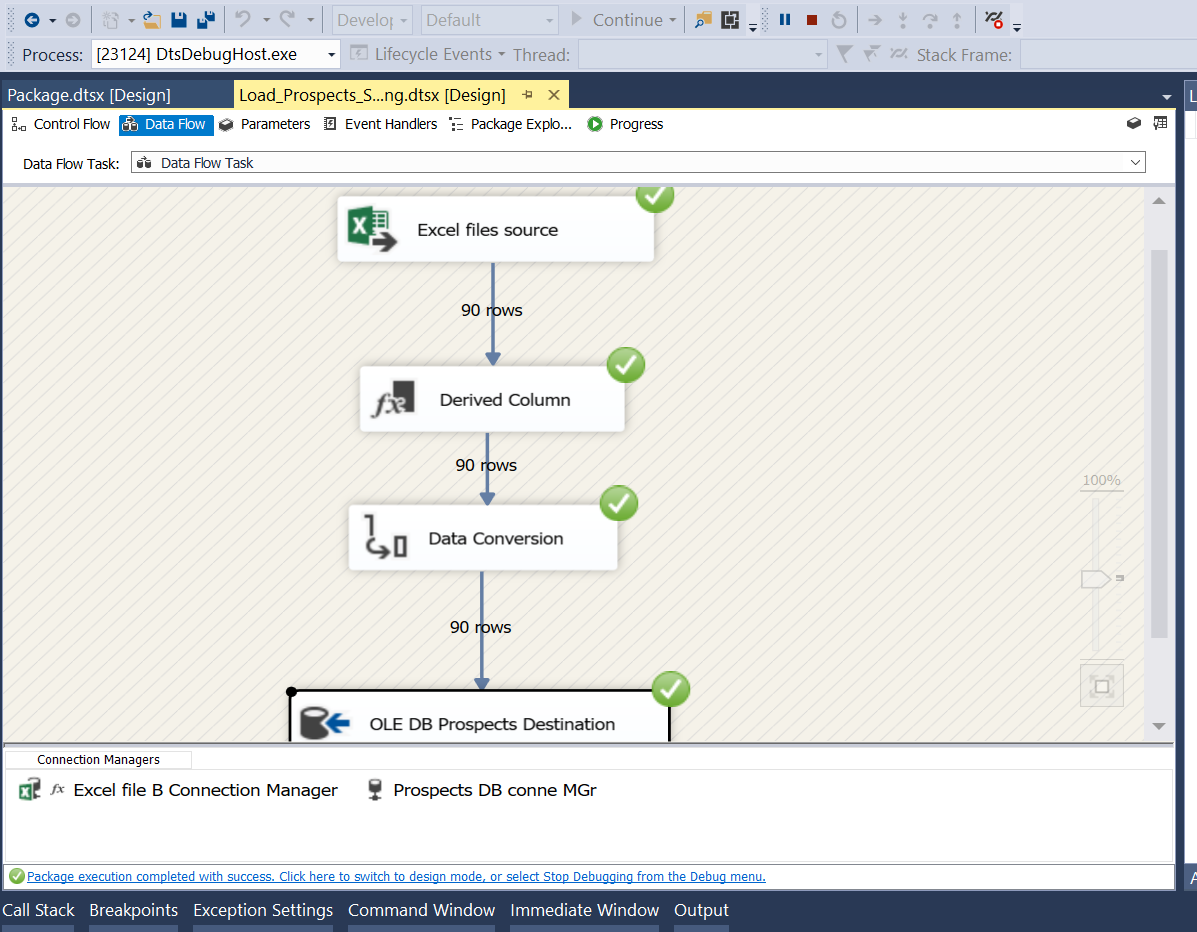
Above Editor with Expression will derive relevant data for newly created columns for table



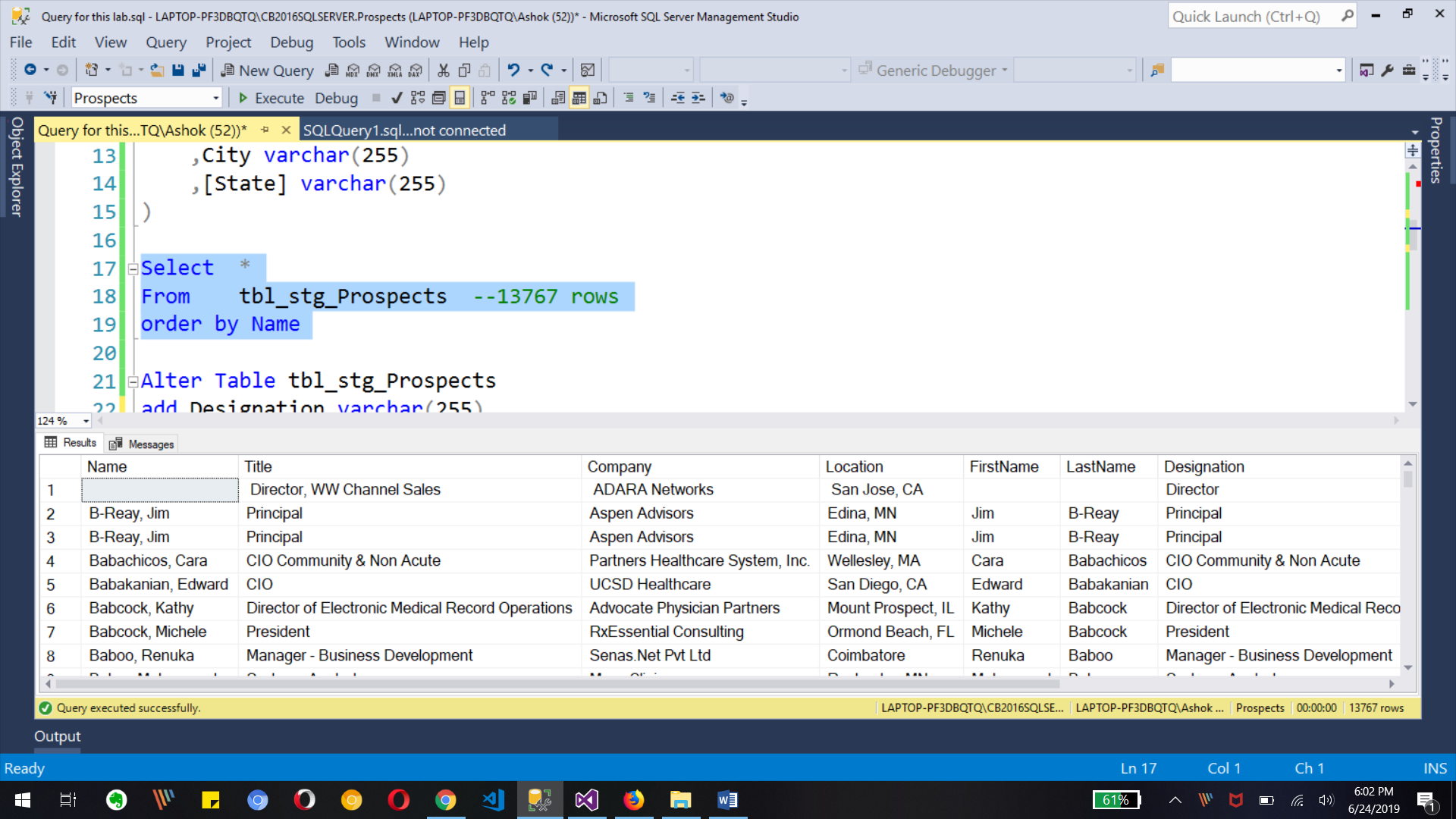
We need to convert data to str for all relevant columns



Mapping of Columns from input to destination columns

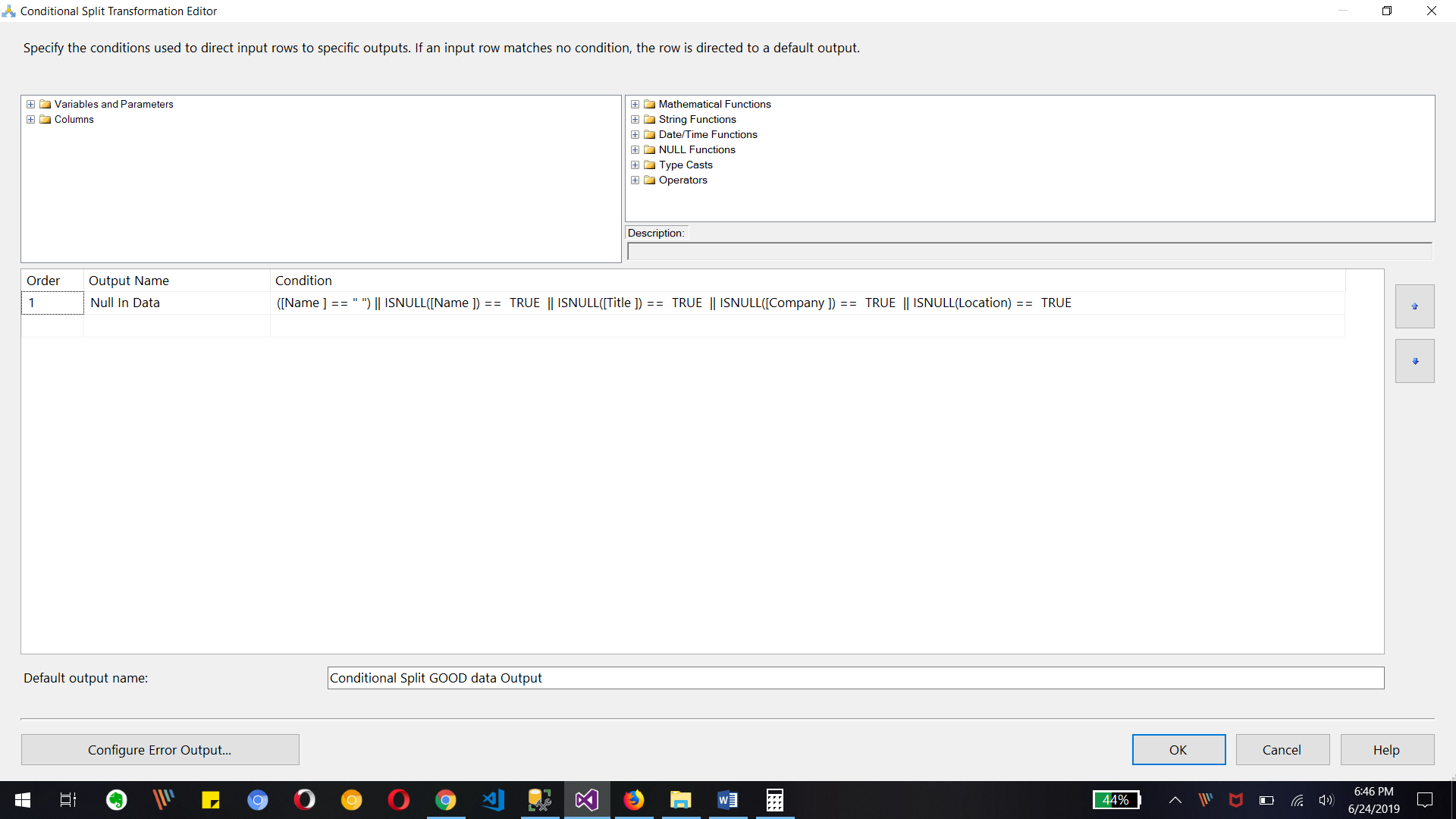


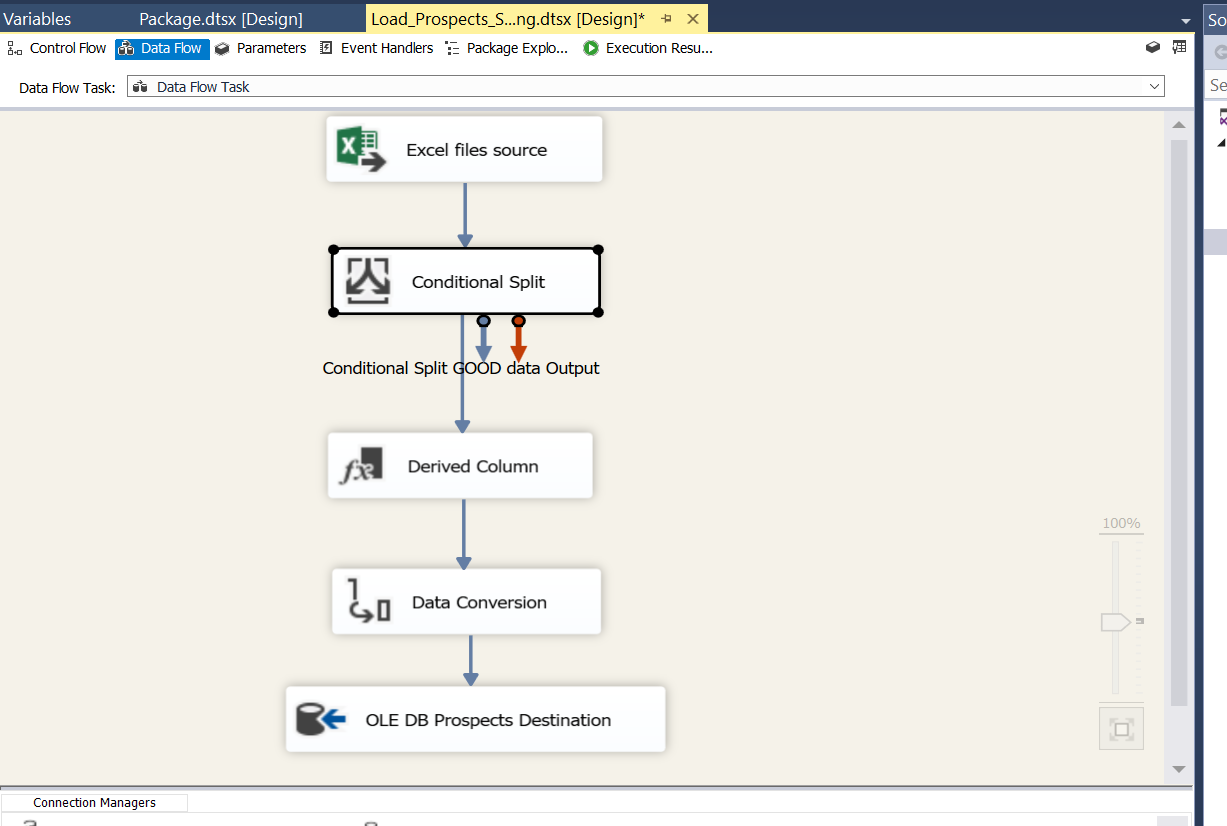
Execution of package for excel to table



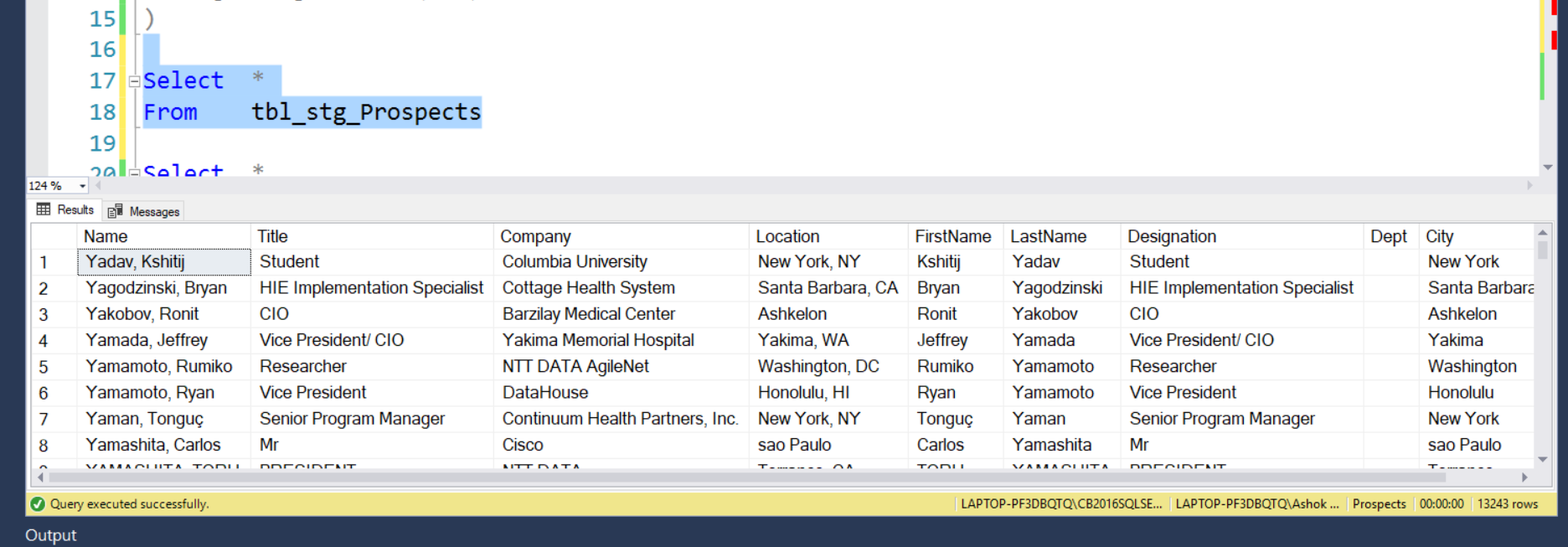
Final Output for table with derived columns

b. filter out records that do not have any value (NULL) in any of the four excel columns





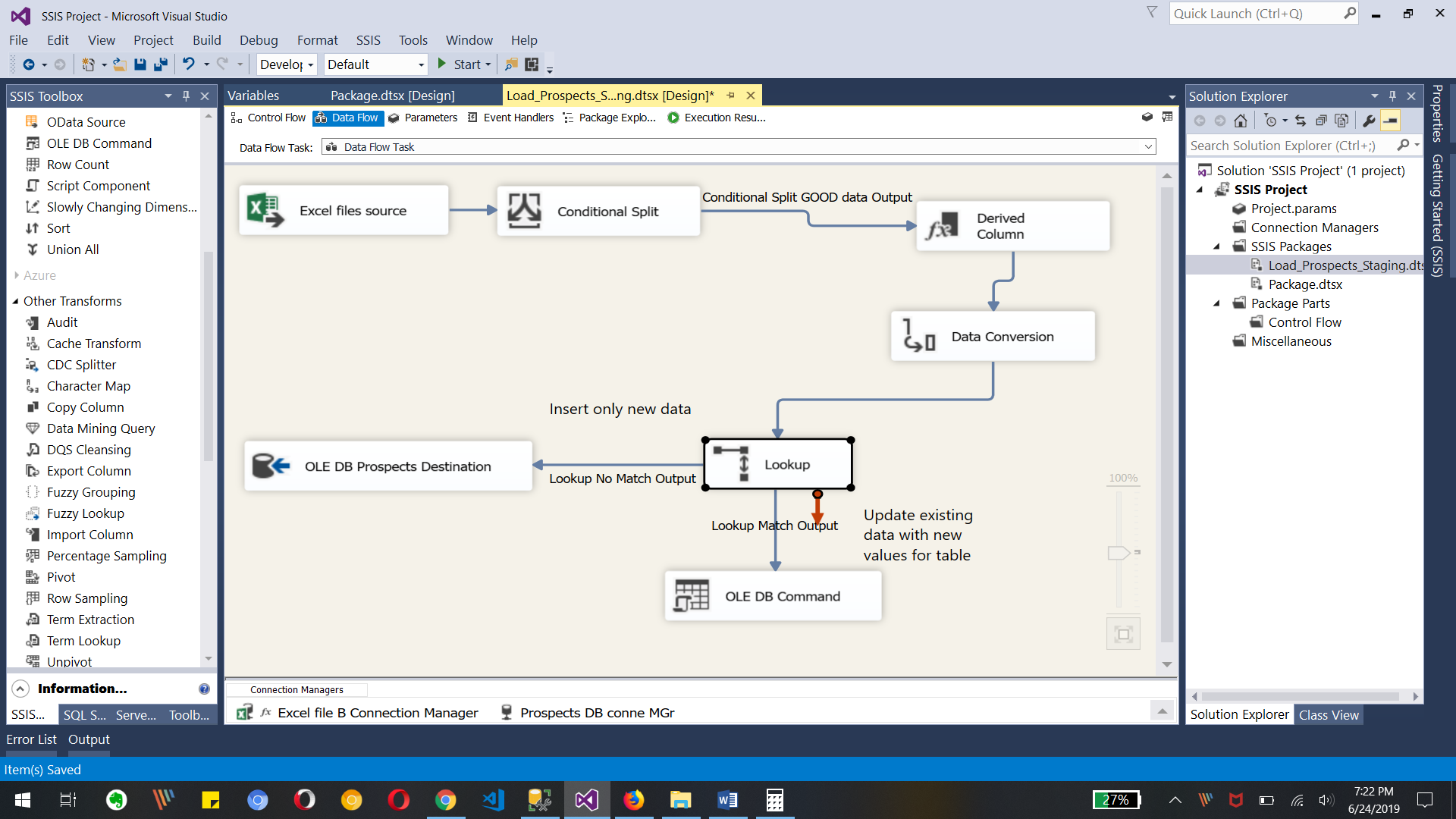
We need to create conditional split task expression as show in image for getting not null data into table and select good data to pass for further process in data flow



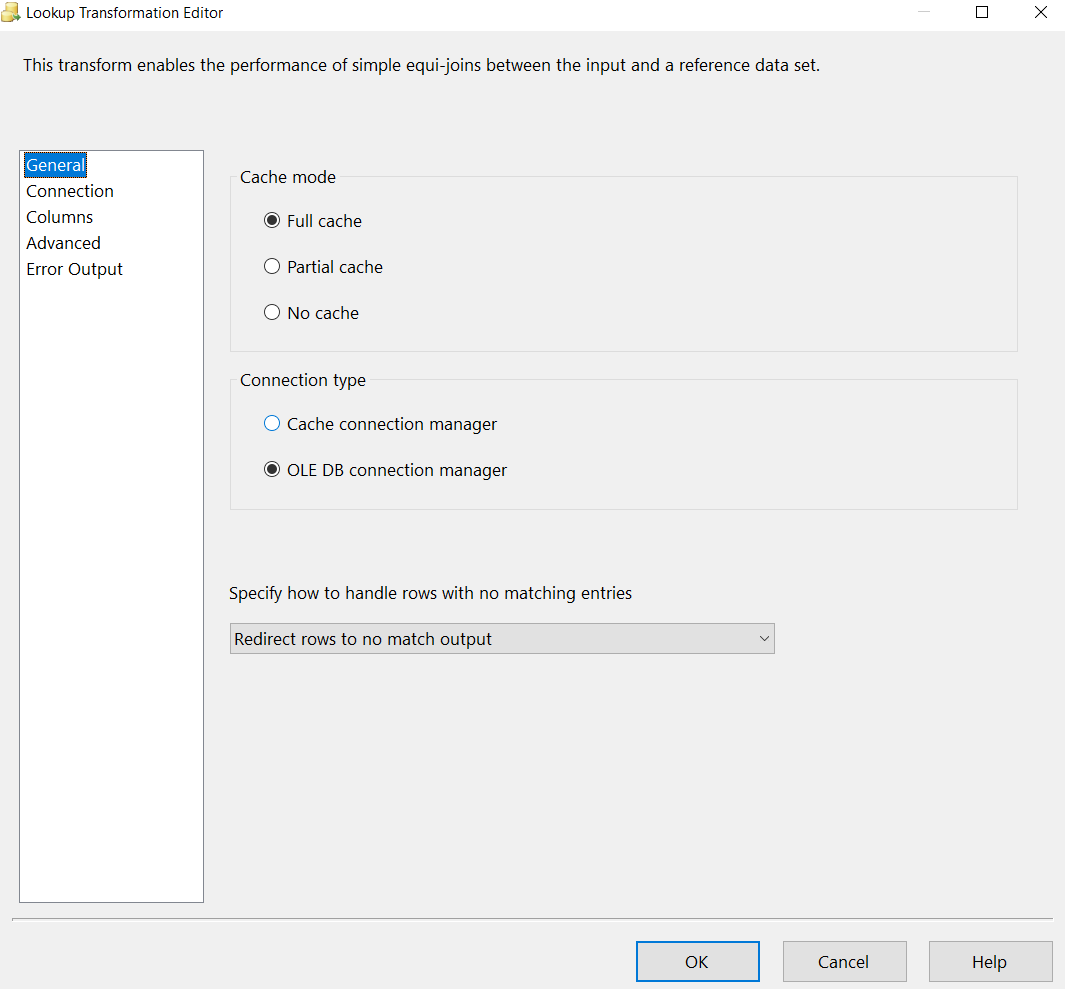
Output in SSMS for tbl\_stg\_Prospects table as we have not null data with rows then before.

c. check for matching name in tbl\_stg\_Prospects table and according insert or update the

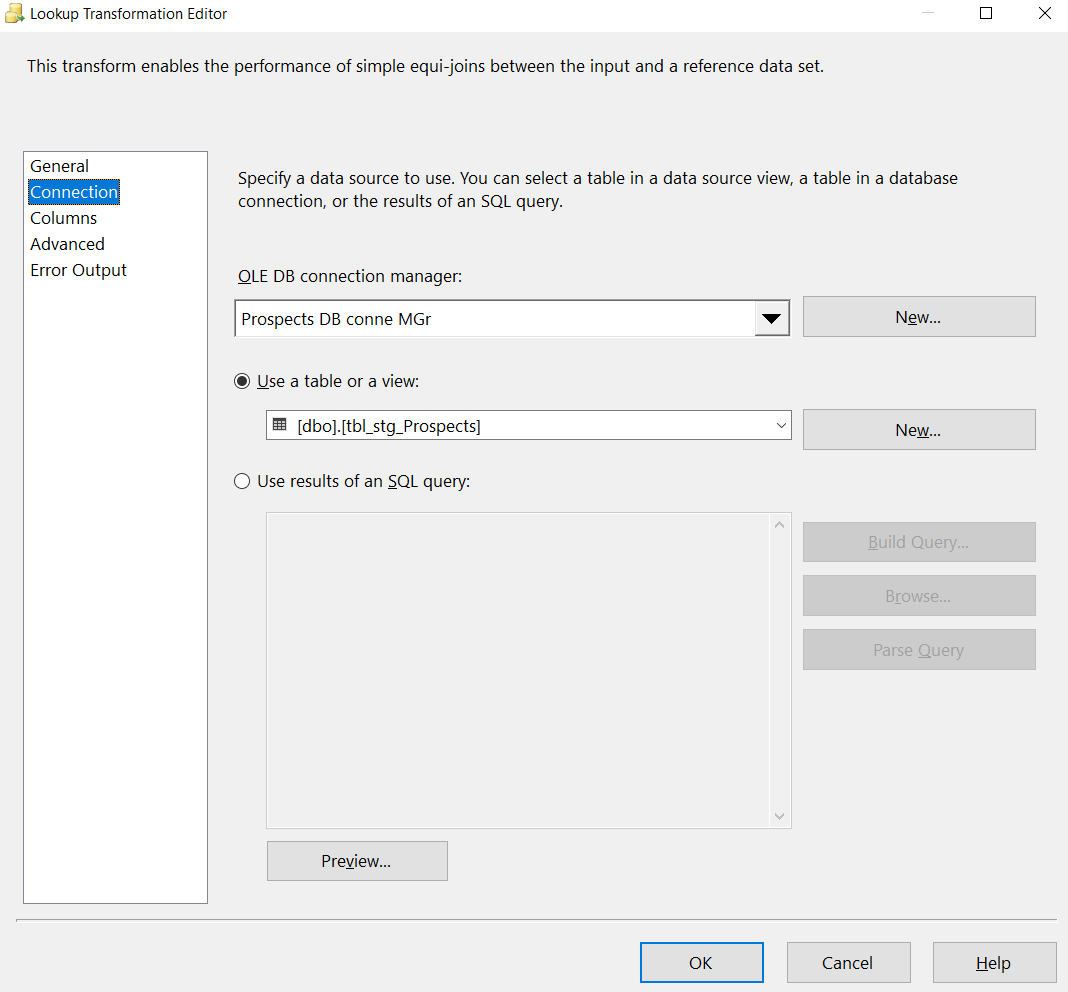
records in tbl\_stg\_Prospects table



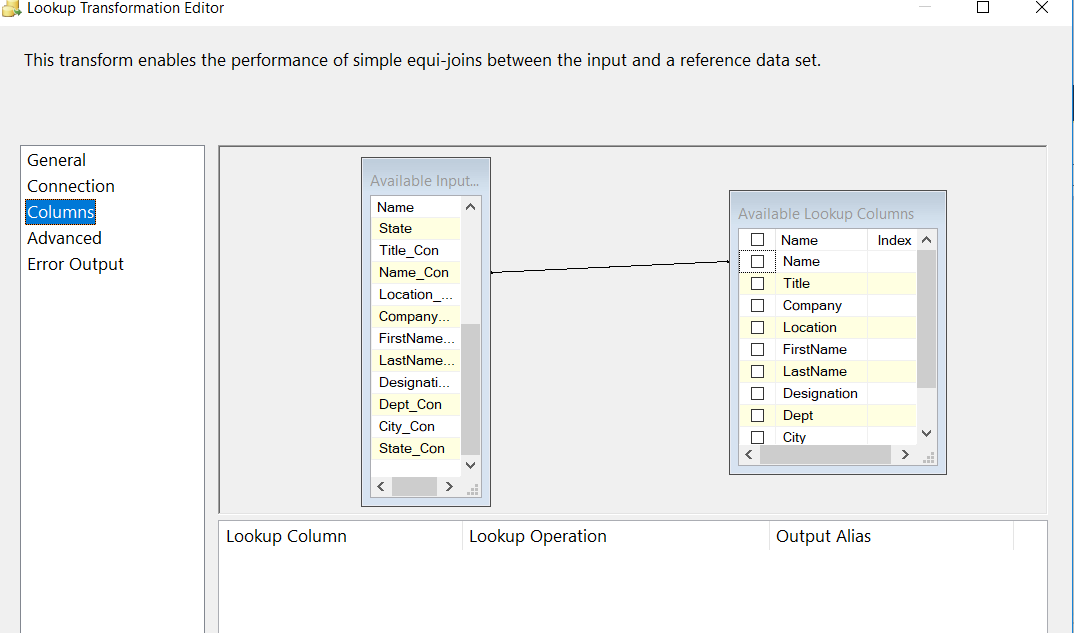
Need to use Look up transformation for checking update to data and insert or update to be done.



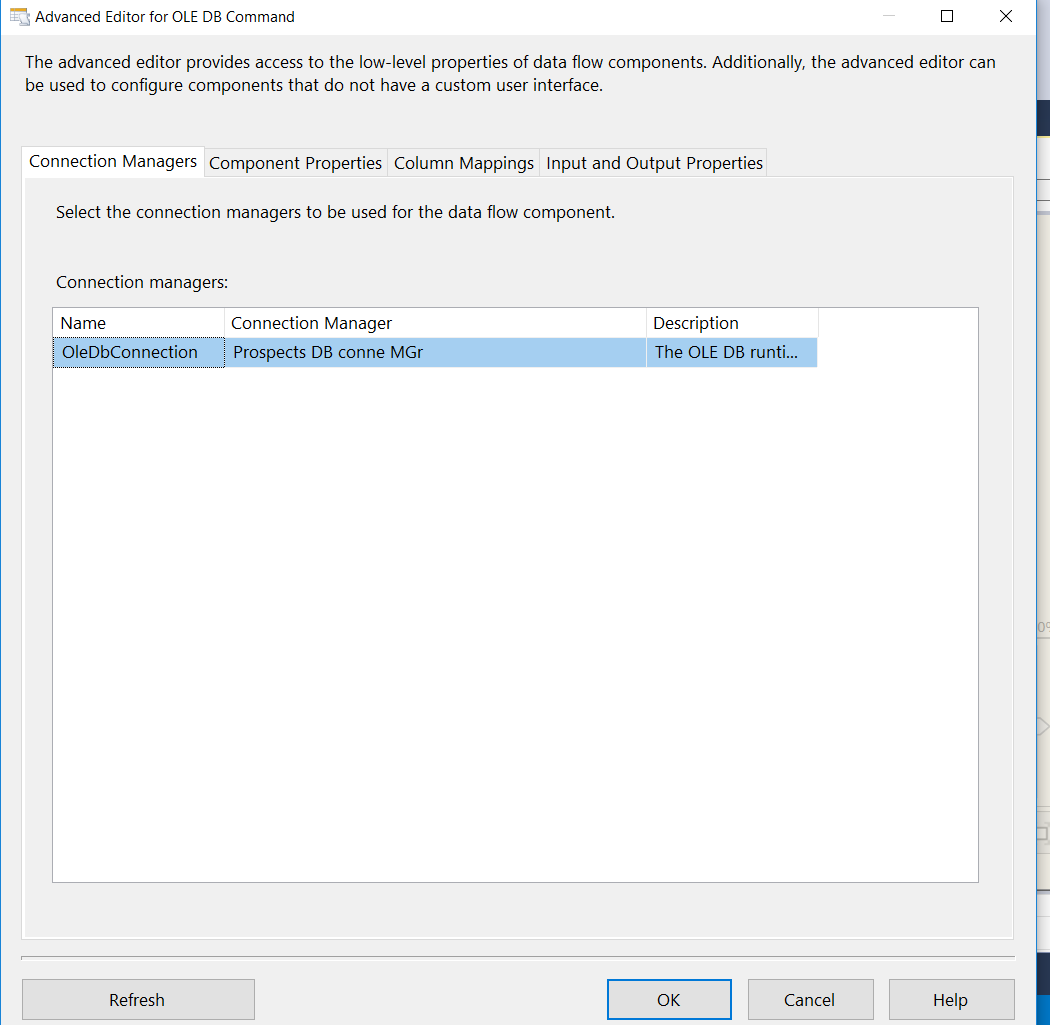
Look up editor for cache and ole db connection with no match data output



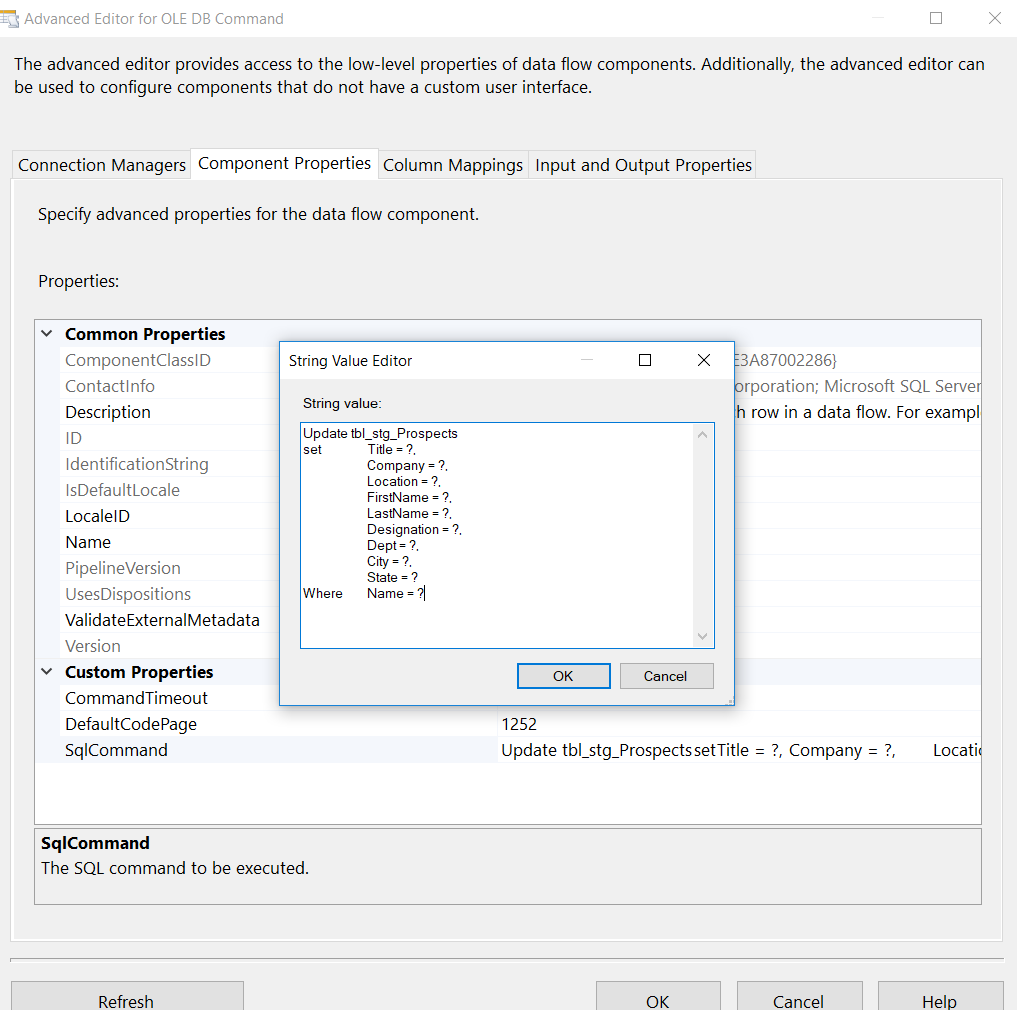
Connection to Database and Table for check data



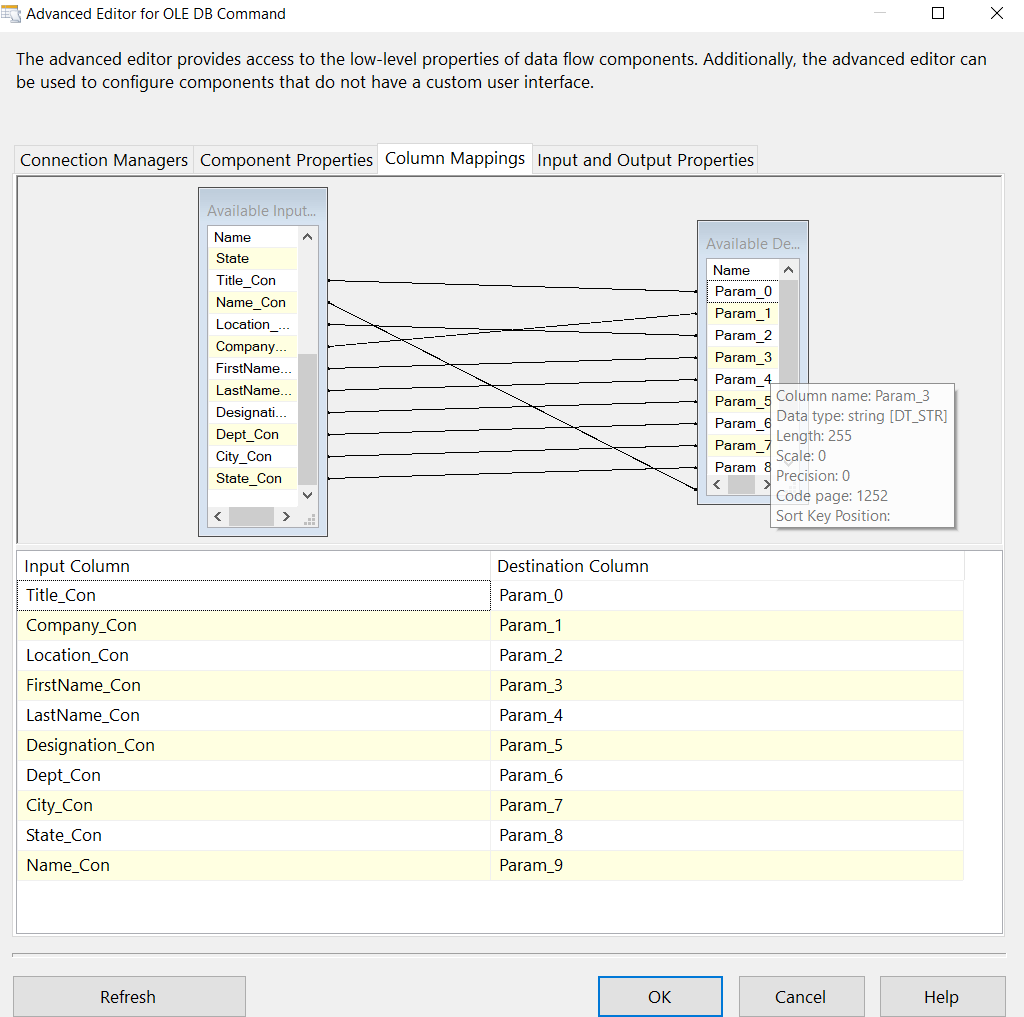
Need to set Name column for look up as any change in data based on it



Now we need to get OLE DB Command to update existing record in table

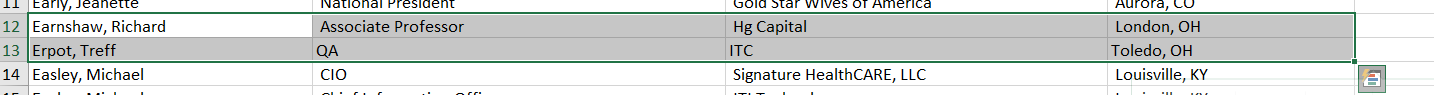


Updating Component property for Sql query to update the record of table

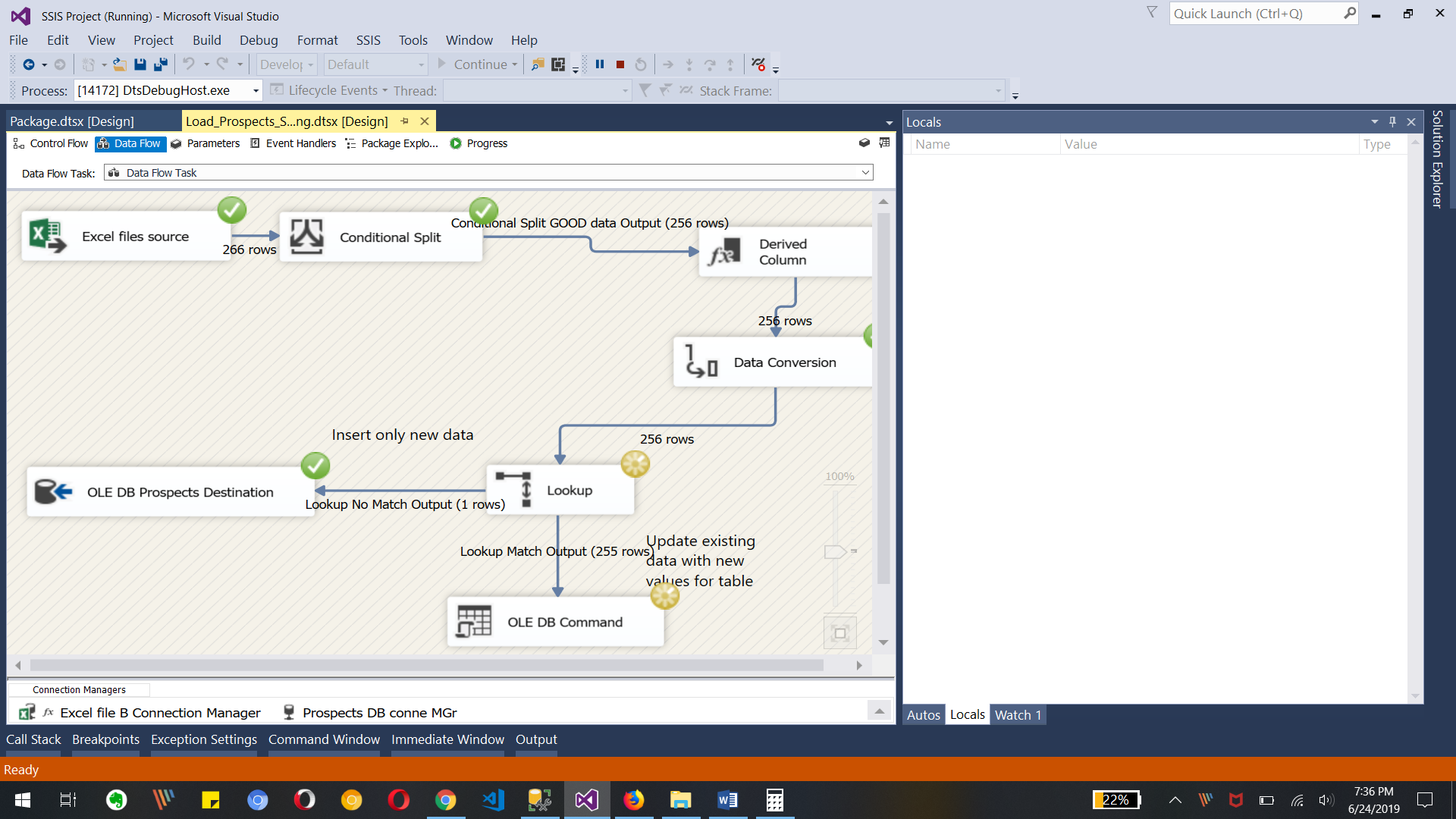


We need to map the columns to parameter as per our SQL query in Component property so We can get data from source to update existing record on table for each name

Test the lookup



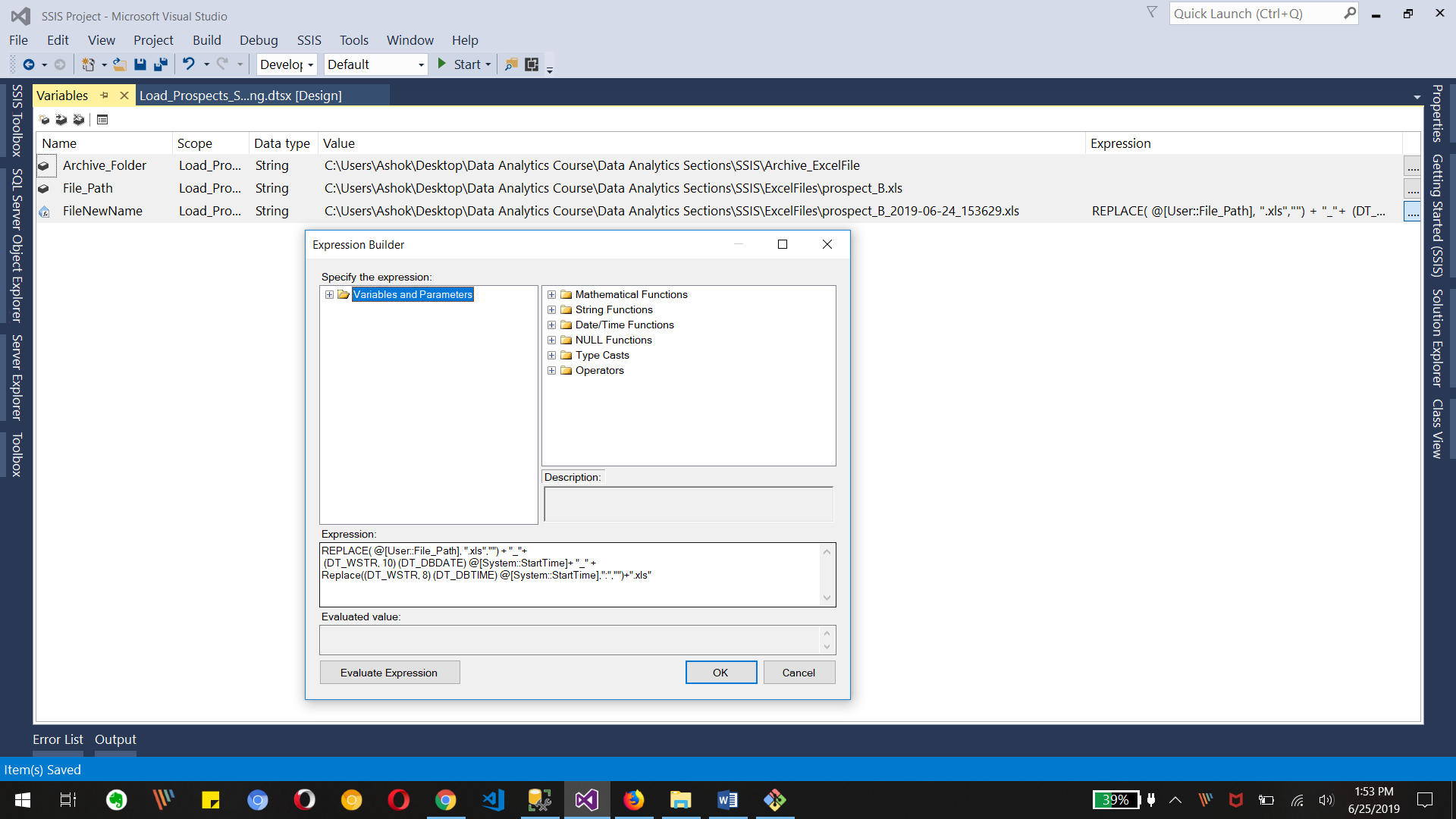
I have change one record for city and title and added new record to excel file



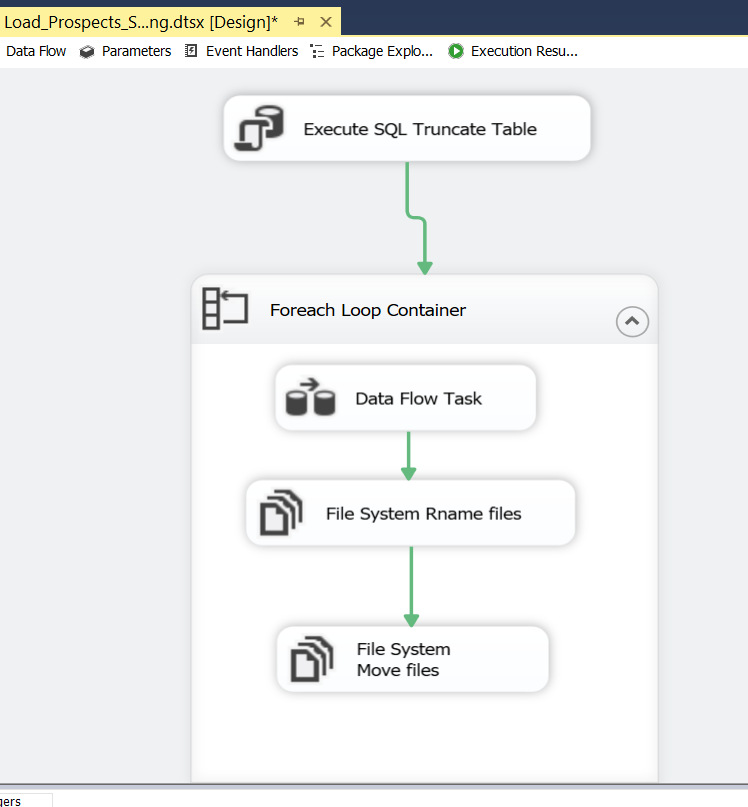
We can see in above image the one new record is inserted to database table.

For Update record it will process for each data rows.

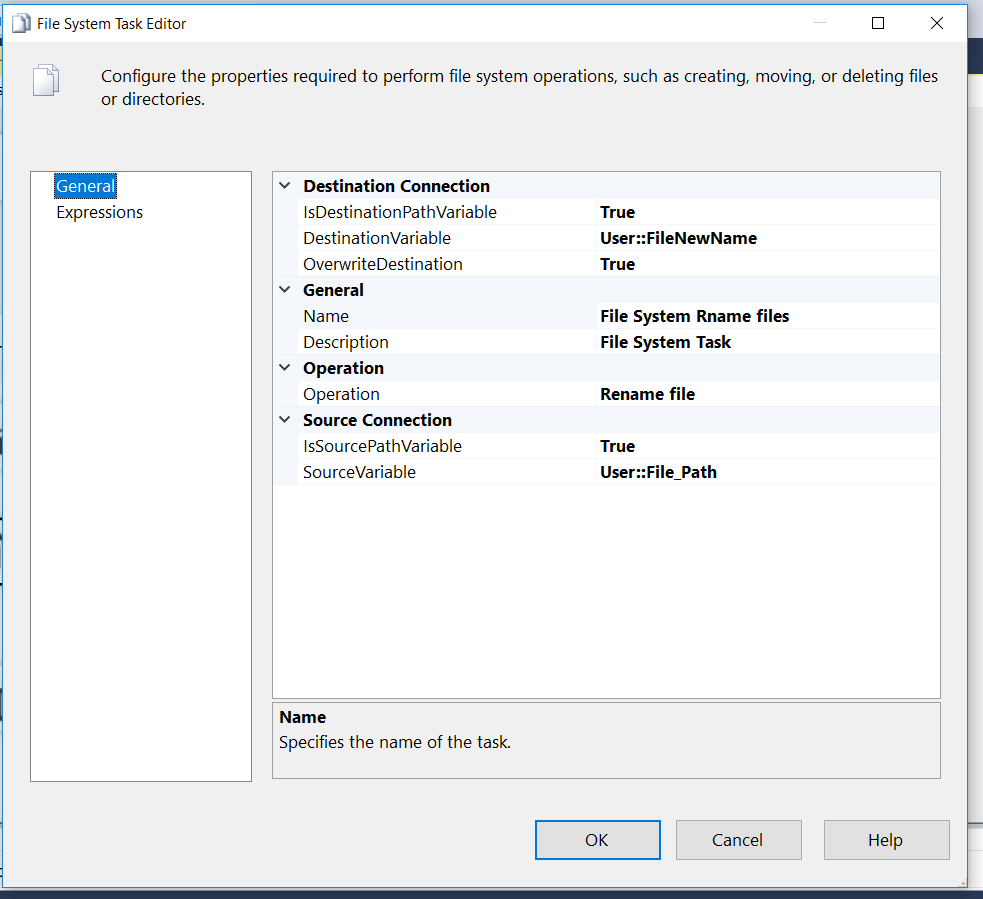
d. Append date time to the successfully loaded files and move it to Archive folder



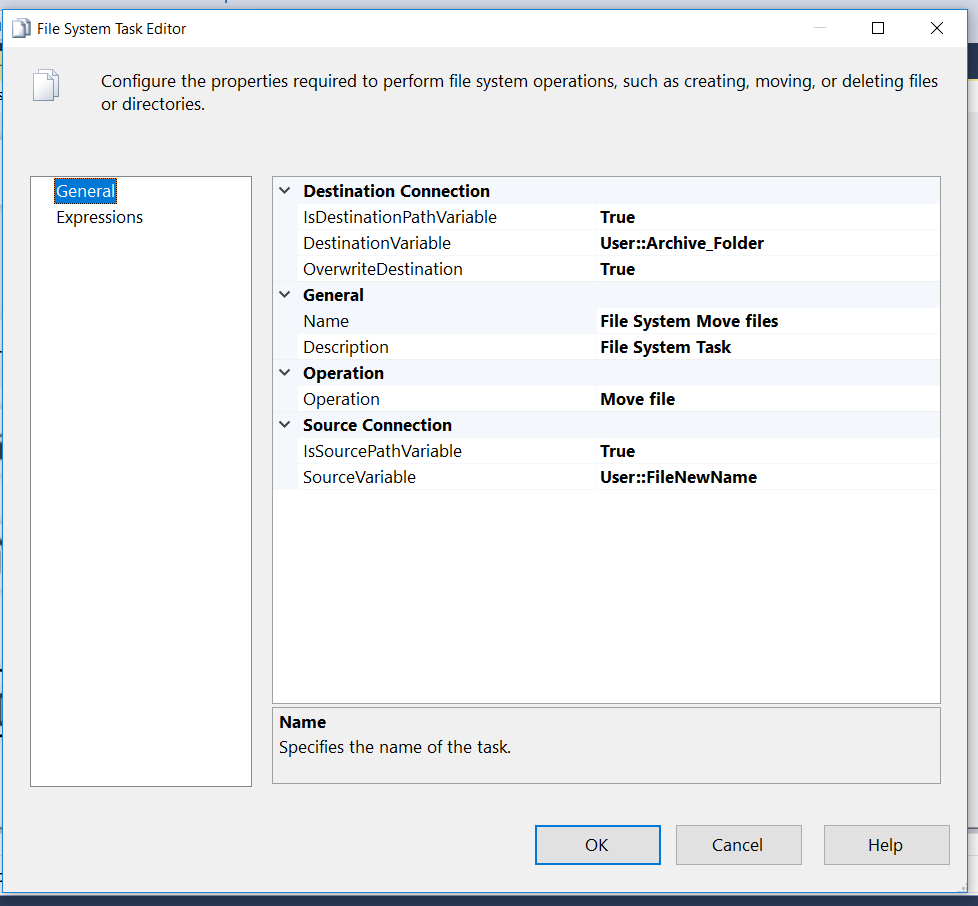
Creating Variable for new file name with expression shown in above image



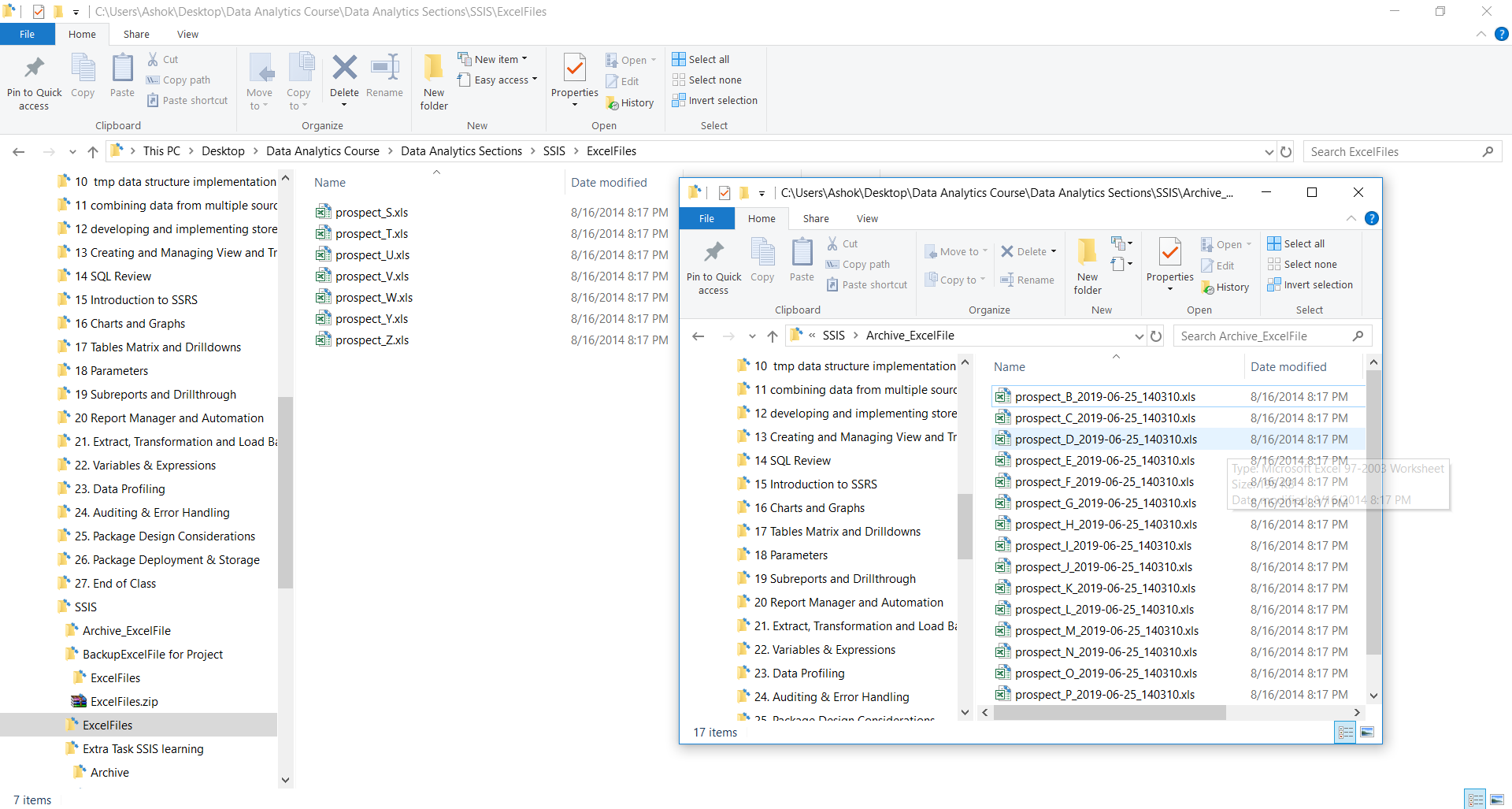
Two file system tasks added. One to Rename file and second to move files to Archive folder.



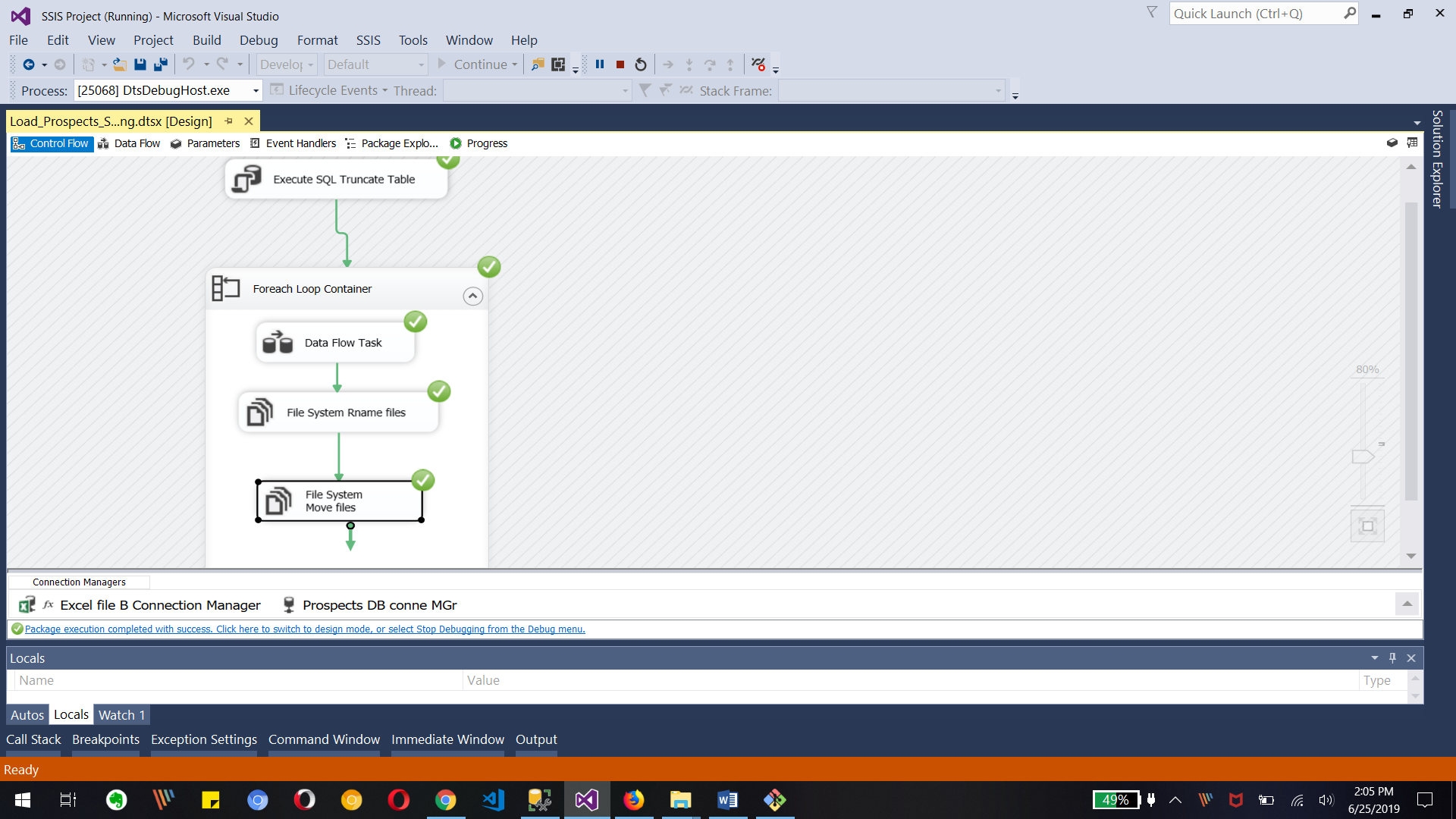
Rename file system task property to set as above image to rename file



Above image is for Move file to Archive folder file system task



Files have been renamed and moved to archive folder shown above image



Final Output screen of SSIS for all task completion.