Day 15 Training:

Worked On Different Activites to make Pipelines:

1)





In the Above pipeline we used Data Flow Activity.

Inside data Flow we gave Customer.csv As Source and used Aggregate activity to get sum of amount used by Each Person and put in Sink As Destination .

And Then created the Storage event trigger to this pipeline.

That Storage trigger will trigger whenever we do insert any values to Customer.csv and upload in input folder.

2)



In this pipeline we have copied Sql Table Data to Csv File.

Firstly we Created a Database(AdventureWorks) sample and server.

Then created Data set in ADF using Azure SQL Database using the created database.

Then Source is given As this database and gave query for what we require. And sink is given.

3)



Here we copied Api data to csv file.

We obtain the api from rebrickable.com where it has lot of api data files.

Then Created the dataset under HTTP where we gave base url and relative url.

Source is this data set and sink will be given.

And while creating dataset we should give compression type.

4)



In this we convert more than one Api data file to csv using variables concept.

First we have created Dataset of HTTP and created one parameter,

Base Url is same as previous but for relative url we passed the created parameter.

And then in the created pipeline we created new variable of type array and given set of Api data file and used ForEach activity for copy data of each files.

We give item as @variables('variableName')

Then for copy data activity inside For Each we gave dataset we created and gave forEach item in dataset properties.

5)



Here we taken api data from sql table and copied data of each file to csv file.

Firstly we created new table in database created in cloud and inserted files name to table.

Then in pipeline we used LookUp activity to get All the file name from the table by selecting source as The sql database and obtaining file names by writing query.

This filenames is given to ForEach activity.

Looup activity output is given as item in ForEach Activity

@activity('Lookup1').output.value

Then used copy data activity inside forEach activity. and gave source as The dataset created in previous pipeline and data set properties as ForEach item.

@item().fileName And sink is given.