**Azurelib ADF Pipeline Assignment**

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**Pipeline 1:**

Go to the ADF studio and create your first pipeline name: Copy\_ProductTable\_To\_CSV.

In the newly created SQL DB there is one built in SalesLt.Product table.

Copy the Product table data to CSV file in 'landing/CSV' folder in ADLS using the ADF.

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## ****Pipeline 2:****

## Create another pipeline name: Copy\_Customer\_To\_JSON In the newly created SQL DB there is one built in SalesLt.Customer table.

## Copy the Customer table data to JSON file in 'landing/JSON' folder in ADLS using the ADF.

## ****Hint****: During the dataset creation step instead of choosing the file type CSV choose JSON

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## ****Pipeline 3:****

## Create another pipeline name: Copy\_Customer\_JSON\_To\_Folder. In the last pipeline 1, you have created the Customer file in ADLS 'landing/CSV' folder. Now this time try to move this file to another ADLS folder 'landing/CSV2' using the ADF pipeline.

## ****Hint****: This time our source is ADLS 'landing/CSV' folder and destination is also of ADLS type but different folder 'landing/CSV2' (You can create one more dataset)

## As the requirement says, to move the files from 'landing/CSV' folder to 'landing/CSV2' folder, I have created two activities in the pipeline, one Copy Activity to copy the file to the destination and second is the Delete activity to delete the file from the existing folder.

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## ****Pipeline 4:****

## Create another pipeline name: Copy\_Customer\_To\_CSV\_Pipe In the newly created SQL DB there is one built in SalesLt.Customer table.

## Copy the Customer table data to CSV file in 'landing/CSV\_Pipe' folder in ADLS using the ADF. But ensure that the delimiter of this file should be (|) instead of (,)

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