**Case Study 1 Solution**

1. Create Azure Blob Storage
2. Click Storage Accounts in Azure Portal
3. Click on Create, Select Subscription and Resource Group, Specify Storage Account Name, Select Region and Click on Create button.
4. Create Container under Storage Account and upload 2012\_medals.xls, 2014\_medals.csv and 2016\_medals.csv
5. Create Azure Data Lake
   1. Click Storage Accounts in Azure Portal.
   2. Click on Create, Select Subscription and Resource Group, Specify Storage Account Name and Select Region.
   3. Click on Advanced tab and Under Data Lake Storage Gen2 enable hierarchical namespace option.
   4. Click on Create button.
6. Create Data Factory and Pipeline
   1. Create Data factory by clicking on Create button and selecting valid details.
   2. Create a Pipeline.
   3. Use Getmetadata activity to get list of files present in blob storage folder.
   4. Under settings perform following:
      1. select Azure blob storage container folder path for Dataset.
      2. Under Field list add Child items to get filenames present in demo folder
   5. Use ForEach activity.
   6. Under settings perform following :
      1. Under Items column ,Click on Add Dynamic content.
      2. Select GetMetadata activity ouput .childitems under Activity Outputs to get items details to loop through.
   7. Inside the ForEach activity,Add Copy Activity to copy the files as specified in child items loop.
   8. Click on Source,Dataset should be same as dataset specified in Get Metadata activity.
   9. Select Wildcard file path option in File Path type field.
   10. Select Source Folder path and Select ‘Add Dynamic content’ in Wildcard filename.
   11. Select Foreach activity displayed under For each Iterator to get the item() and item().name to get the filename of the item in loop.
   12. Select Sink and select the Azure Data Lake Storage created as Dataset.
   13. Publish the changes in Pipleline.Validate the Pipeline.
   14. Execute the Pipeline.