# **Movies Analytics using Azure Data Factory**

**Problem Statement**

Use Azure Data Factory's visual authoring experience to create a pipeline that copies movie data stored to Azure Data Lake Storage Gen2 and then executes a Mapping Data Flow to transform and write the data to a Azure SQL Database.

## **Ingesting data into Azure Data Lake Storage Gen2**

* Create a new azure data lake container with name as **azure-project**
* Upload the data into this container

**Create an ETL pipeline from data lake to sql db with following transformations.**

* List down all unique genres and their number of occurrences for all those movies where rating is greater than 5.
* Write down these genres and count combinations into 2 column tables in azure sql db.
  + Schema = **Test**
  + Table Name = **generes**

**Submissions**

You are supposed to submit the screenshots of all the activities like

* Creation of data lake container
* Creation of 2 linked services
* Creation of datasets
* Creation of dataflow
* Creation of pipeline
* Preview output of final sql db table