Load the JSON files from blob storage and store the data in SQL table

1. Create First Pipeline

->Get Employee JSON file one by one

->Extract employee details from JSON file with multi-threading

->Create the department master table with department id column and load the data

-> If Department is existing in table so do not insert the duplicate department name

-> Insert only newly found department from json

Ex.

|  |  |
| --- | --- |
| id | Department\_Name |
| 1 | CAPTAIN III (POLICE DEPARTMENT) |

2. Create Second Pipeline

->Get Employee JSON file one by one

->Extract employee details from JSON file with multi-threading

->Load employee details in SQL table with add Department id based on JobTitle column and remove jobTitle column.

Ex.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Id | EmployeeName | Department\_ID | BasePay | Etc… |
| 11199 | KATHRYN BROWN | 1 | 10684.5 |  |

3. Create Third Pipeline

-> Get Json Details from second Pipeline as item parameter for this pipeline

-> Load the data for employee whose get Overtime Pay in SQL table

Ex.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Id | EmployeeName | Department\_ID | OvertimePay | Etc.. |
| 4144 | ANTHONY FOTINOS | 1 | 47827.7 |  |

4. Create Fourth Pipeline

-> Create single pipeline for run the above three pipeline one by one to run whole process.

5. Create Trigger

-> Create trigger for scheduling to run the fourth pipeline.