

Lab 05 , Challenge and Case Study for SQL Azure

1. The worldwide importers are in the process of moving their on prem data estate to cloud, as part this journey they are planning to take the periodic dump from their customer database and place it within Azure cloud storage. They are expected to place the periodic dump in every 5 minutes.
2. As a data engineer you are required to copy the customer data from Azure storage to Azure SQL database, this must happen within 5 minutes of the data arrival.
3. You are also expected to simulate the periodic data dump manually. Start with the sample data set available here.

https://stdemoadf01.blob.core.windows.net/container02/customerdata_02.csv?sp=r&st=2021-02-23T17:46:16Z&se=2021-02-24T01:46:16Z&spr=https&sv=2020-02-10&sr=b&sig=UnEa%2FwNPE%2FbrjjyehE35eCN31s1mA0EkFgzGloWGvmo%3D

Additional activities:

Think about ,

what happens when the file didnt arrive on time.

what happens when the file contains invalid format.

what happens when file contains duplicate data.

what are the options available within data factory to monitor those exceptions.

how to fix the data and retry.