Azure Data Factory

Requirement

We have Dpt_Details data we need to do some cleaning. In this data, we have duplicate values. We need to divide the data into two different categories. The first category is Columns which are not repeated in the data and their count. The other category is columns which are repeating and their count also.

1. The source file contains Sales records with ID, Name, and Department details.
2. The target table should contain the following columns: ID, Name, Department, and Count details.

Note: Copy the below Source data paste it into the notepad and save it in CSV format. And it should be a comma "," delimited file. The file name should be "Dpt_Details". Load the Target data into Azure SQL Database.

Sample Source Data:

ID	Name	Department
1	John	Sales
2	Mike	HR
3	Dean	Developer
1	John	Sales
4	Lee	Manager
2	Mike	HR
5	Sam	Services
7	Danny	Trainer
6	Danial	Writer
1	John	Sales
5	Sam	Services
7	Danny	Trainer

Sample Target Not_Repeated:

ID	Name	Department	Count
3	Dean	Developer	1
4	Lee	Manager	1
6	Danial	Writer	1

ID	Name	Department	Count
1	John	Sales	3
2	Mike	HR	2
5	Sam	Services	2
7	Danny	Trainer	2

Table Format

Source File: - Source file records are separated by a Comma ","

Source file details:

The Associates need to do the following tasks as per the naming standards.

1. Source File Name: Dpt_Details
2. Target Table Names: Not_Repeated, Repeated