Azure Data Factory

Requirement

We have Sales data we need to do some cleaning. We need to create a Running Total based on the Itemsold column. And store those values in one column. And load the target table into a CSV file.

1. The source Table contains Sales records with ID, First_Name, Last_Name, ProductName, ItemSold, SoldPrice, Country, and Region details.
2. The target files should contain the following columns: ID, First_Name, Last_Name, ProductName, ItemSold, Running_Total, and Country.

Note: Create this table in the Azure SQL Database.

Sample Source Data:

ID	First_Name	Last_Name	ProductName	ItemSold	SoldPrice	Country	Region
1	Aamir	Shahzab	TV	1	700	USA	North America
2	M	Raza	Cell Phone	2	800	USA	North America
3	Christy	Ladson	TV	3	1600	USA	North America
4	John	Rivers	Laptop	5	2400	USA	North America
5	Najaf	Ali	Computer	1	300	Pakistan	Asia
6	Sukhjeet	Singh	TV	2	900	India	Asia
7	Chirag	Patel	Cell Phone	5	1500	India	Asia
8	Aleena	Aman	Laptop	2	800	Pakistan	Asia
9	Petra	Henry	TV	10	5000	France	Europe
10	Rita	Roger	Laptop	7	2100	France	Europe
11	Tamara	Tony	Cell Phone	2	1200	Germany	Europe

Sample Target Data:

ID	First_Name	Last_Name	ProductName	ItemSold	Running_Total	Country
1	Aamir	Shahzab	TV	1	1	USA
2	M	Raza	Cell Phone	2	3	USA
3	Christy	Ladson	TV	3	6	USA
4	John	Rivers	Laptop	5	11	USA
5	Najaf	Ali	Computer	1	12	Pakistan
6	Sukhjeet	Singh	TV	2	14	India
7	Chirag	Patel	Cell Phone	5	19	India
8	Aleena	Aman	Laptop	2	21	Pakistan
9	Petra	Henry	TV	10	31	France
10	Rita	Roger	Laptop	7	38	France
11	Tamara	Tony	Cell Phone	2	40	Germany

Source file details:

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

1. Source Table Name: Sales
2. Target File Name: RunningTotal.csv