1. Load data from staging table(STG_CUSTOMER_DATA) into respective country's table

Country	Table_name
India	Table_India
USA	Table_USA
PHIL	Table_Philippines
NYC	Table_NewYork
AU	Table_Australia

STG_CUSTOMER_DATA

Name	Cust_I	Open_Dt	Consul_Dt	VAC_ID	DR_Name	State	County	DOB	FLAG
Alex	123457	20101012	20121013	MVD	Paul	SA	USA	6031987	A
John	123458	20101012	20121013	MVD		TN	IND	6031987	A
Mathew	123459	20101012	20121013	MVD		WAS	PHIL	6031987	A
Matt	12345	20101012	20121013	MVD		BOS	NYC	6031987	A
Jacob	1256	20101012	20121013	MVD		VIC	AU	6031987	A

Structure of Table_CountryName

Name	Customer_Id	Open_ Date	Last_Consulted_ Date	Vaccination _Id	Dr_Name	State	Country	DOB	Is_Active

Table queries

INSERT INTO Table_India

(

SELECT
Name,Customer_Id,Open_Date,Last_Consulted_Date,Vaccination_Id,Dr_Name,State,Country,DOB,

Is_Active

FROM STG_CUSTOMER_DATA

WHERE Country='IND'

);

```sql
INSERT INTO Table_USA

(

SELECT
Name,Customer_Id,Open_Date,Last_Consulted_Date,Vaccination_Id,Dr_Name,State,Country,DOB,Is_Active

FROM STG_CUSTOMER_DATA

WHERE Country='USA'

);


INSERT INTO Table_Philippines

(

SELECT
Name,Customer_Id,Open_Date,Last_Consulted_Date,Vaccination_Id,Dr_Name,State,Country,DOB,Is_Active

FROM STG_CUSTOMER_DATA

WHERE Country='PHIL'

);


INSERT INTO Table_NewYork

(

SELECT
Name,Customer_Id,Open_Date,Last_Consulted_Date,Vaccination_Id,Dr_Name,State,Country,DOB,Is_Active

FROM STG_CUSTOMER_DATA

WHERE Country='NYC'

);


INSERT INTO Table_Australia

(

SELECT
Name,Customer_Id,Open_Date,Last_Consulted_Date,Vaccination_Id,Dr_Name,State,Country,DOB,Is_Active

FROM STG_CUSTOMER_DATA
```

WHERE Country='AU'

);

2.Program to read data from file using Spark SQL/Pyspark

```
%spark.pyspark
--Read the data from file and store in a dataframe
df_data=spark.read.format("csv").option("header","true").option("delimiter","|").load("filename.csv");


--Display the data stored in the dataframe
df_data.show();
```