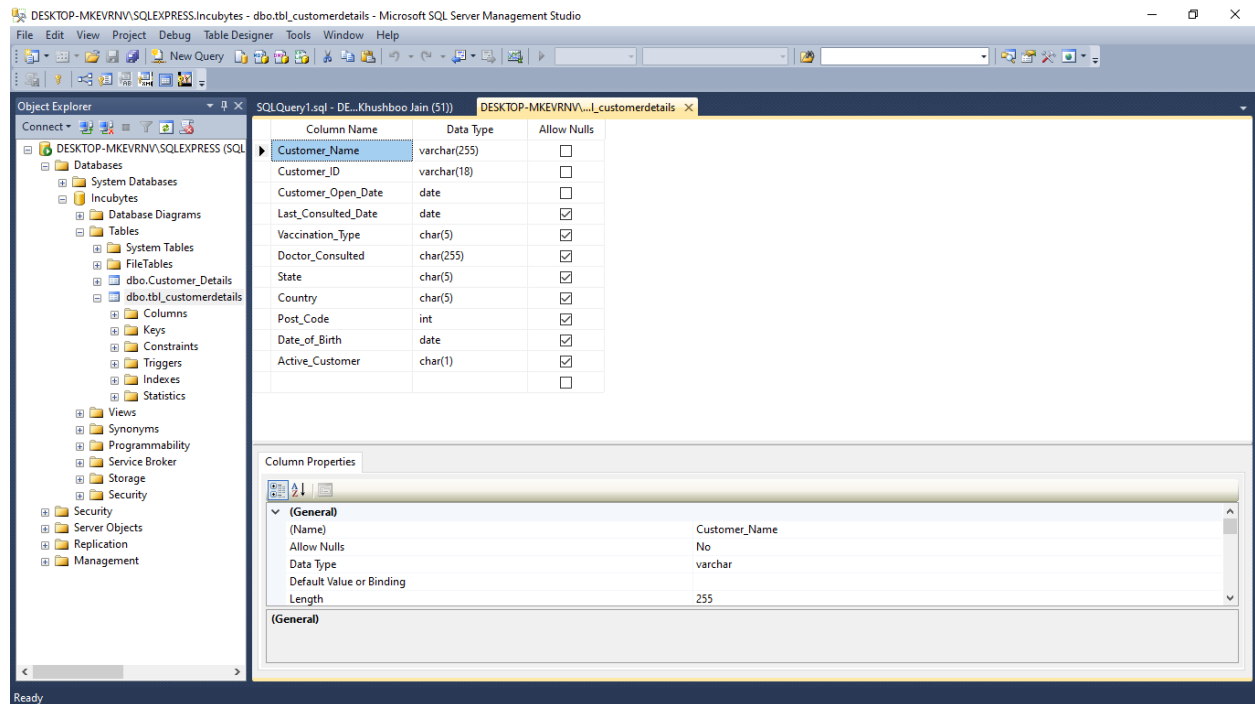
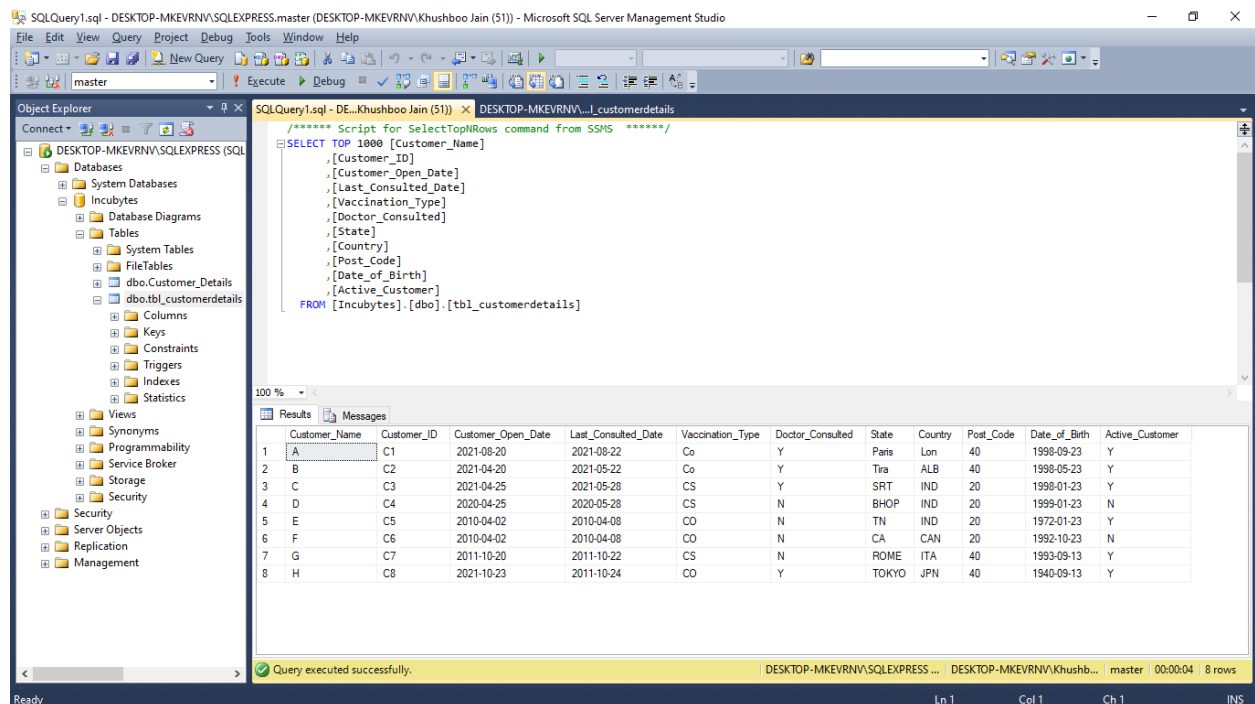


# INCUBYTE - DATA ENGINEER

Step1: First of all we need to create a table and insert few records.



Step 2: Here we can the records



Step 3: Write a code to retrieve values according to the country.

```

import pyodbc
conn = pyodbc.connect('Driver={SQL Server};'
                      'Server=DESKTOP-MKEVRNV\SQLEXPRESS;'
                      'Database=Incubytes;'
                      'Trusted_Connection=yes;')

cursor = conn.cursor()

s=input('Enter Country:')
cursor.execute("SELECT
Customer_Name,Customer_ID,Customer_Open_Date,Last_Consulted_Date,Vaccination_Type,Doctor_Consulted,State,Country,Post_Code,Date_of_Birth,Active_Customer FROM
tbl_customerdetails where Country like '"+s+"' ")
f = open('demo.txt', 'a')

for row in cursor:
    f.write(str(row.Customer_Name
+"|"+row.Customer_ID+"|"+row.Customer_Open_Date.replace('-',
'')+ "|"+row.Last_Consulted_Date.replace('-',
'')+ "|"+row.Vaccination_Type.strip()+"|"+row.Doctor_Consulted.strip()+"|"+row.State.strip()+"|"+row.Country.strip()+"|"))
    f.write(str(row.Post_Code))
    f.write(str("|"+row.Date_of_Birth.replace('-', '')+ "|"+row.Active_Customer
+"\n"))
f.close()

f1 = open("demo.txt" )
print("output:")
print(f1.read())
f1.close()

```

```
1 import pyodbc
2 conn = pyodbc.connect('Driver={SQL Server};'
3                       'Server=DESKTOP-MKEVRRN\\SQLExpress;'
4                       'Database=Incubytes;'
5                       'Trusted_Connection=yes;')
6
7 cursor = conn.cursor()
8
9 s=input('Enter Country:')
10 cursor.execute("SELECT Customer_Name, Customer_ID, Customer_Open_Date, Last_Consulted_Date, Vaccination_Type, Doctor_Consulted, State, Country, Post_Code, Date_of_Birth")
11 f = open('demo.txt', 'a')
12
13 for row in cursor:
14     f.write(str(row.Customer_Name)+"|"+str(row.Customer_ID)+"|"+str(row.Customer_Open_Date.replace('-', ''))+"|"+str(row.Last_Consulted_Date.replace('-', ''))+"|"+str(row.Vaccination_Type)+"|"+str(row.Doctor_Consulted)+"|"+str(row.State)+"|"+str(row.Country)+"|"+str(row.Post_Code)+"|"+str(row.Date_of_Birth.replace('-', ''))+"|"+str(row.Active_Customer)+"\n")
15     f.write(str(row.Post_Code))
16 f.write(str("\n"))
17 f.close()
18
19 f1 = open("demo.txt")
```

Run: main

"C:\Users\Khushboo Jain\Desktop\Sem\_5\3CA503\_Big\_Data\_Analytics\_SmitaAgarwal\_C4\Incubytes\venv\Scripts\python.exe" "C:/Users/Khushboo Jain/Desktop/Sem\_5/3CA503\_Big\_Data\_Analytics\_SmitaAgarwal\_C4/Incubytes/main.py"

Enter Country: IND

output:

F C6 20100402 20100408 CO N CA CAN 20 19921023 N
C C3 20210425 20210528 CS Y SRT IND 20 19980123 Y
D C4 20200425 20200528 CS N BHOP IND 20 19990123 N
E C5 20100402 20100408 CO N TN IND 20 19720123 Y

Output:

"C:\Users\Khushboo

Jain\Desktop\Sem\_5\3CA503\_Big\_Data\_Analytics\_SmitaAgarwal\_C4\Incubytes\venv\Scripts\python.exe" "C:/Users/Khushboo

Jain/Desktop/Sem\_5/3CA503\_Big\_Data\_Analytics\_SmitaAgarwal\_C4/Incubytes/main.py"

Enter Country:IND

output:

F|C6|20100402|20100408|CO|N|CA|CAN|20|19921023|N

C|C3|20210425|20210528|CS|Y|SRT|IND|20|19980123|Y

D|C4|20200425|20200528|CS|N|BHOP|IND|20|19990123|N

E|C5|20100402|20100408|CO|N|TN|IND|20|19720123|Y

Process finished with exit code 0