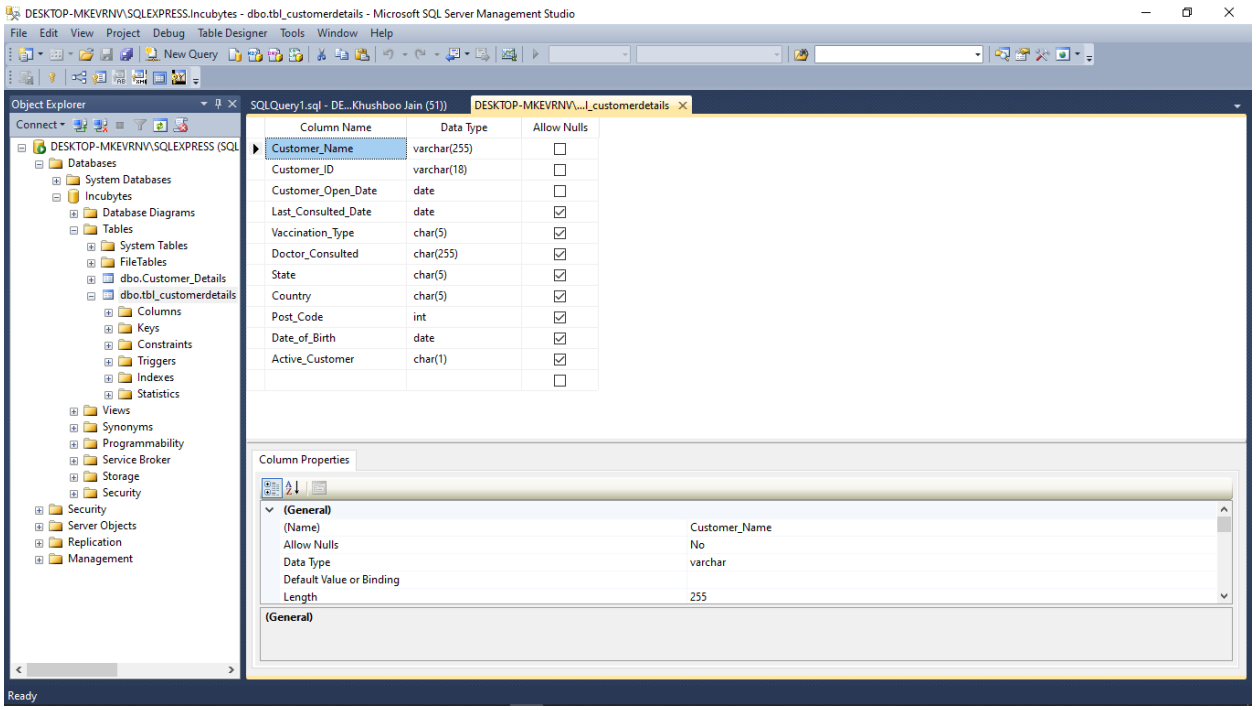
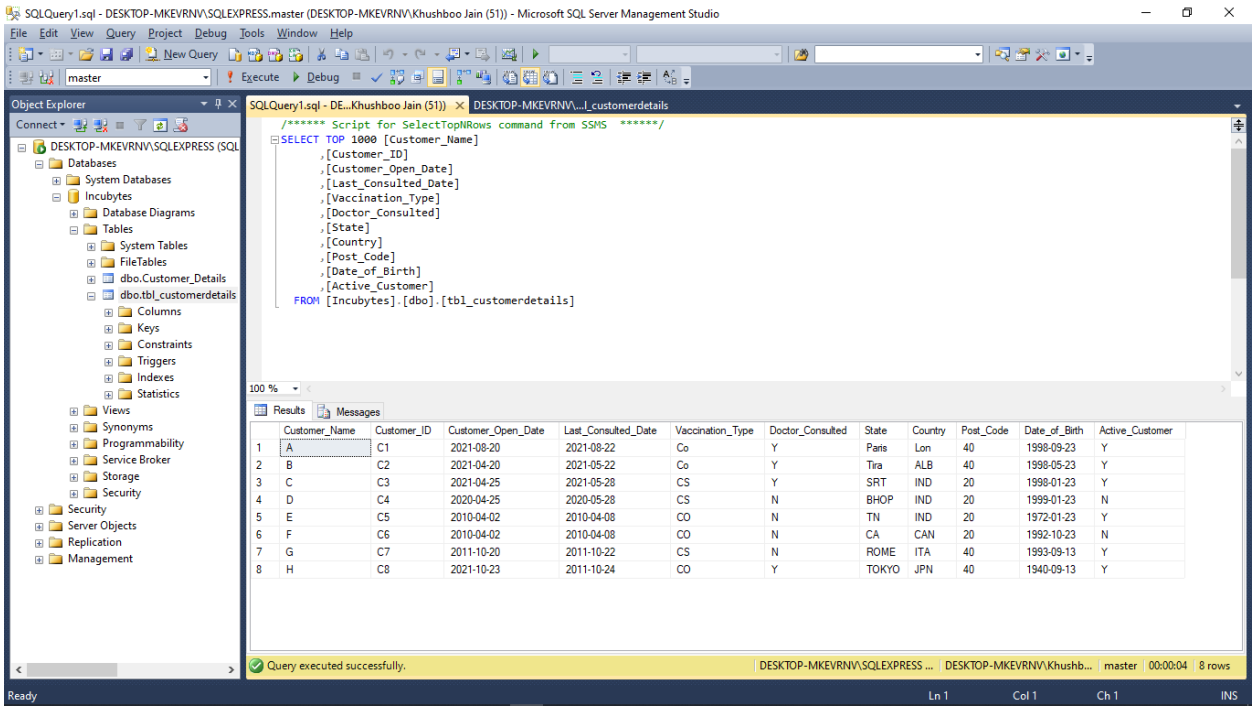
INCUBYTE - DATA ENGINEER

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.

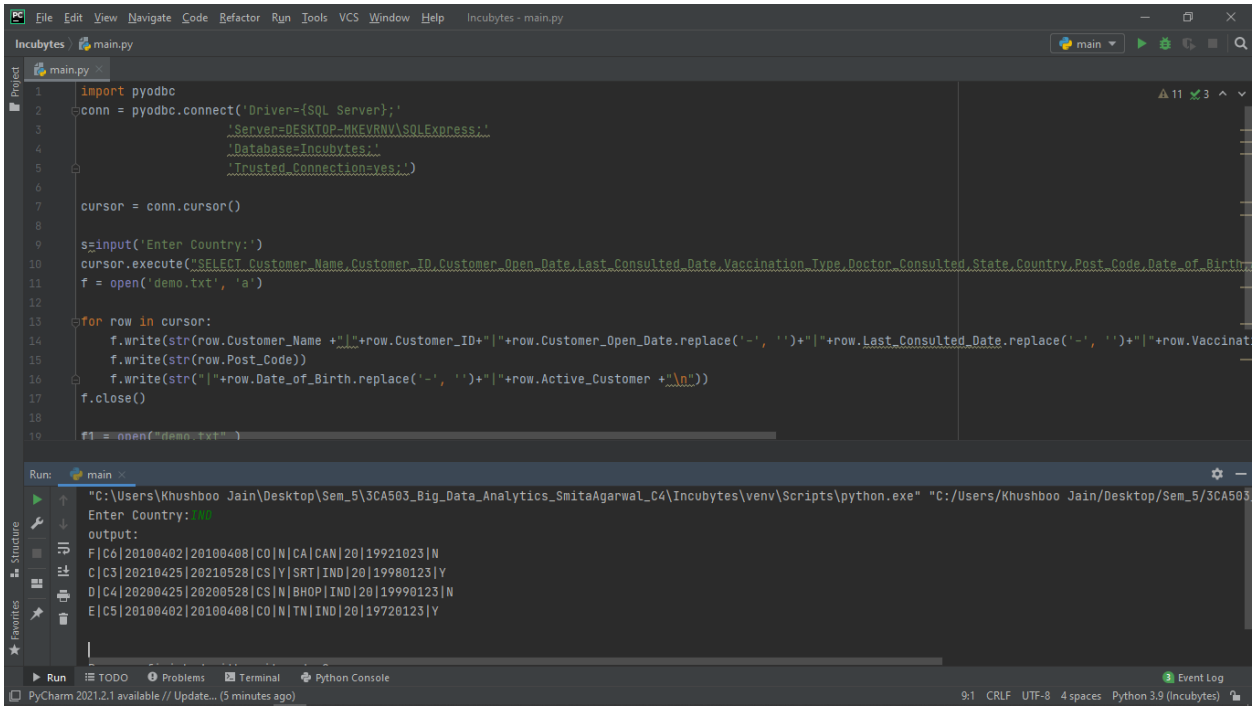
```
import pyodbc
conn = pyodbc.connect('Driver={SQL Server};'
                      'Server=DESKTOP-MKEVRNV\SQLExpress;'
                      'Database=Incubytes;'
                      'Trusted_Connection=yes;')

cursor = conn.cursor()

s=input('Enter Country:')
cursor.execute("SELECT
Customer_Name,Customer_ID,Customer_Open_Date,Last_Consulted_Date,Vaccination_Ty
pe,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.S
tate.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()
```



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