[{"metadata":{"trusted":true},"id":"8f9244de","cell\_type":"code","source":"import psycopg2\nimport pandas as pd","execution\_count":1,"outputs":[]}]

def create\_databse():

#connect to default db

conn= psycopg2.connect("host= 127.0.0.1 dbname= postgres user= postgres password= root")

conn.set\_session(autocommit= True)

cur= conn.cursor()

#create db

cur.execute("Drop database IF EXISTS airbnb")

cur.execute("create database deforestation")

#close connection with default db

conn.close()

#connect to created db

conn= psycopg2.connect("host= 127.0.0.1 dbname= deforestation user= postgres password= root")

conn.set\_session(autocommit= True)

cur= conn.cursor()

return cur, conn

cur, conn = create\_databse()

deforest\_df= pd.read\_csv("D:/project/Deforestation data/forest\_area (1).csv")

deforest\_df.head()

deforest\_table\_create=("""Create Table If Not Exists forest\_area(

country\_code VARCHAR,

country\_name VARCHAR,

year INT,

forest\_area\_sqkm DECIMAL)

""")

cur.execute(deforest\_table\_create)

deforest\_df2= pd.read\_csv("D:/project/Deforestation data/land\_area (1).csv")

deforest\_table2\_create=("""Create Table If Not Exists land\_area(

country\_code VARCHAR,

country\_name VARCHAR,

year INT,

total\_area\_sq\_mi DECIMAL)

""")

cur.execute(deforest\_table2\_create)

deforest\_df3= pd.read\_csv("D:/project/Deforestation data/regions (1).csv")

deforest\_df3.head()

deforest\_table3\_create=("""Create Table If Not Exists regions(

country\_name VARCHAR,

country\_code VARCHAR,

region VARCHAR,

income\_group VARCHAR)

""")

cur.execute(deforest\_table3\_create)

deforest\_table\_insert= ("""Insert Into forest\_area(

country\_code,

country\_name,

year,

forest\_area\_sqkm)

VALUES(%s, %s, %s, %s)""")

for i, row in deforest\_df.iterrows():

cur.execute(deforest\_table\_insert, list(row))

cur.execute("Select \* from forest\_area")

deforest\_table2\_insert= ("""Insert Into land\_area(

country\_code,

country\_name,

year,

total\_area\_sq\_mi)

VALUES(%s, %s, %s, %s)""")

for i, row in deforest\_df2.iterrows():

cur.execute(deforest\_table2\_insert, list(row))

deforest\_table3\_insert= ("""Insert Into regions(

country\_name,

country\_code,

region,

income\_group)

VALUES(%s, %s, %s, %s)""")

for i, row in deforest\_df3.iterrows():

cur.execute(deforest\_table3\_insert, list(row))