#Library for connecting to AWS Redshift

import psycopg

#Library for reading the config file, which is in JSON

import json

#Data manipulation library

import pandas as pd

config\_file = open(r"C:\Users\yourname\config.json")

config = json.load(config\_file)

con = psycopg2.connect(dbname= "db\_name", host=config[hostname], port = config["port"],user=config["user\_id"], password=config["password\_key"])

cur = con.cursor()

query = "SELECT \*

FROM League

JOIN Country ON Country.id = League.country\_id;"

#Runs your SQL query

execute1 = cur.execute(query)

result = cur.fetchall()

#Create initial dataframe from SQL data

raw\_initial\_df = pd.read\_sql\_query(query, con)

print(raw\_initial\_df)

library using Datapane, which is a Python framework and API for publishing and sharing Python reports.

import datapane as dpdp.Blob.get(name='github\_data', owner='khuyentran1401').download\_df()

|  |
| --- |
| Import matplotlib.pyplot as plt |
|  |  |
|  | top\_followers = new\_profile.sort\_values(by='followers', axis=0, ascending=False)[:100] |
|  |  |
|  | fig = plt.figure() |
|  |  |
|  | plt.bar(top\_followers.user\_name, |
|  | top\_followers.followers) |