import time

import psutil

import os

def mem\_exe(y):

memory = psutil.Process(os.getpid())# for memory size

start\_time = time.time()

x = y

execTime = time.time() - start\_time

print(execTime)

print(f'Execution time : {execTime}')

# print memory size in bytes

print(f'Memory used : {(memory.memory\_info().rss)/(1024\*\*2)}')

for i in x:

print(i)

mem\_exe(Game\_Analysis.aggregate([{ '$group':{ '\_id' : '$LOCATION', 'sum' : { '$sum': "$WIN\_COUNT" } }}]))

pip install PyMySQL

import pymysql

import pandas as pd

conn=pymysql.connect(host='localhost',port=int(3306),user='root',passwd='new\_password',db='basketball')

def mem\_exe(y):

memory = psutil.Process(os.getpid())# for memory size

start\_time = time.time()

x = pd.read\_sql\_query(y,conn)

execTime = time.time() - start\_time

print(execTime)

print(f'Execution time : {execTime}')

# print memory size in bytes

print(f'Memory used : {(memory.memory\_info().rss)/(1024\*\*2)}')

print(x)

mem\_exe("SELECT \* FROM basketball.team\_attributes")

team=pd.read\_sql\_query("SELECT \* FROM basketball.team",conn)

team\_attributes =pd.read\_sql\_query("SELECT \* FROM basketball.team\_attributes",conn)

team\_history=pd.read\_sql\_query("SELECT \* FROM basketball.team\_history",conn)

team\_salary=pd.read\_sql\_query("SELECT \* FROM basketball.team\_salary",conn)

player=pd.read\_sql\_query("SELECT \* FROM basketball.player",conn)

player\_attributes=pd.read\_sql\_query("SELECT \* FROM basketball.player\_attributes",conn)

player\_salary=pd.read\_sql\_query("SELECT \* FROM basketball.player\_salary",conn)

game=pd.read\_sql\_query("SELECT \* FROM basketball.game",conn)

game\_inactive\_players=pd.read\_sql\_query("SELECT \* FROM basketball.game\_inactive\_players",conn)

game\_official\_attributes=pd.read\_sql\_query("SELECT \* FROM basketball.game\_official\_attributes",conn)

game\_officials=pd.read\_sql\_query("SELECT \* FROM basketball.game\_officials",conn)

draft=pd.read\_sql\_query("SELECT \* FROM basketball.draft",conn)

draft\_combine=pd.read\_sql\_query("SELECT \* FROM basketball.draft\_combine",conn)