**﻿Python Hw**

PyBank

﻿import pandas as pd

import os

working\_dir = os.getcwd()

csv\_file = "budget\_data.csv"

for root, dirs, files in os.walk(working\_dir):

if csv\_file in files:

p= (os.path.join(root, csv\_file))

df= pd.read\_csv(p)

Gmax= df["Profit/Losses"].max()

Gmin= df["Profit/Losses"].min()

mtotal= df["Date"].count()

ptotal= df["Profit/Losses"].sum()

head= df["Profit/Losses"].head()[0]

tail= df["Profit/Losses"].tail()[85]

Datemax= df.loc[df["Profit/Losses"] == Gmax, "Date"].values[0]

print(round((tail-head)/mtotal),2)

print(head)

print(tail)

print(Datemax)

print(Gmax)

print(Gmin)

print(mtotal)

print(ptotal)

Financial Analysis

Total Months: 86

Total: $38382578

Average Change: $ -2288.02

Greatest Increase in Profits:$1170593

Greatest Decrease in Profits: $-1196225