# Modlules

import os

import csv

#Set Path

csvpath = os.path.join('.','Resources', 'budget\_data.csv')

with open(csvpath, newline='') as csvfile:

#CSV reader to specify delimeter and variable that holds content

csvreader = csv.reader(csvfile, delimiter=',')

next(csvreader)

Total = 0

Average = 0

Months = sum(1 for row in csvreader)

#Total\_Amount = sum (1 for row in csvreader(1))

#Total\_Amount = sum(int(row[1]) for row in csvreader

for row in csvreader:

#Total\_Amount += float(row[1])

Total = sum(float(row[1]) for row in csvreader)

print(Total)

Average = sum(float(row[1])/len(row[1]) for row in csvreader)

print(Average)

print(" ")

print("Financial Analysis")

print("---------------------")

print("Total Months: " + str(Months))

print(f" Total: {Total}")

print(f" Average: {Average}")

#Zip List

budget\_summary\_csv = zip(Months,Total,Average)

#Specify the file to write to

output\_path = os.path.join('.','Output','budget\_summary.csv')

#output\_path = os.path.join('"budget\_summary.csv")

#Open the file to 'write mode'

with open(output\_path,'w', newline='') as datafile:

#initialize csv.writer

writer = csv.writer(datafile)

#write in zipped rows

writer.writerows(budget\_summary\_csv)

#csvwriter = csv.writer(datafile, delimiter=',')