import csv

import os

#from csv import DictReader

#from typing import List, Dict

csv\_path = os.path.join('budget\_data.csv')

with open(csv\_path, 'r') as csv\_file:

    # Split the data on commas

    csv\_reader = csv.reader(csv\_file, delimiter=',')

    header = next(csv\_reader)

    profit\_loss\_sum = 0

    date\_count = 0

    delta\_profit\_counter = 0

    delta\_profit = 0

    previous\_profit\_loss = 0

    avg\_profit = 0

    delta\_profit\_sum =0

    greatest\_inc = 0

    greatest\_dec = 0

   # profit\_index = None

    #table: List[Dict[str,float]]=[]

    for row in csv\_reader:

        date=row[0]

        profit\_loss=int(row[1])

        date\_count +=1

        profit\_loss\_sum += profit\_loss

        if date\_count > 1:

            delta\_profit\_counter =  profit\_loss - previous\_profit\_loss

        delta\_profit\_sum=delta\_profit\_sum+delta\_profit\_counter

        previous\_profit\_loss = int(row[1])

        if delta\_profit\_counter > greatest\_inc:

            greatest\_inc = delta\_profit\_counter

        if delta\_profit\_counter < greatest\_dec:

            greatest\_dec = delta\_profit\_counter

        #print(delta\_profit\_counter)

        #print(profit\_loss\_sum)

        #print(total\_delta\_profit)

total\_delta\_profit = delta\_profit\_sum/(date\_count-1)

#avg\_profit = sum(delta\_profit\_counter)/(date\_count-1)

#print(profit\_loss\_sum)

print(f"Financial Analysis")

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

print(f"Total Months: {str(date\_count)}")

print(f"Total: {str(profit\_loss\_sum)}")

print(f"Average Change: {str(total\_delta\_profit)}")

print(f"Greatest Increase in Profits:  {str(greatest\_inc)}")

print(f"Greatest Decrease in Profits:  {str(greatest\_dec)}")

#data = [row for row in csv\_reader]

#date = datetime=strptime(row[0],'%m/%d')

#profit\_loss=integer(row[1])

#print(f'{budget\_data}')

#def print\_financial\_analysis(budget\_csv):

 #   date = str(budget\_csv[0])

  #  profit\_loss = int(budget\_csv[1])

PyPoll

import os

import csv

csv\_path = os.path.join('PyPoll','election\_data.csv')

with open(csv\_path, 'r') as csv\_file:

    # Split the data on commas

    csv\_reader = csv.reader(csv\_file, delimiter=',')

    header = next(csv\_reader)

    khan\_votes = 0

    correy\_votes = 0

    li\_votes = 0

    o\_tooley\_votes = 0

    for row in csv\_reader:

        voter\_id=int(row[0])

        candidate=str(row[2])

        if (candidate) == "O'Tooley":

            o\_tooley\_votes +=1

        if (candidate) == "Khan":

            khan\_votes +=1

        if (candidate) == "Li":

            li\_votes +=1

        if (candidate) == "Correy":

            correy\_votes +=1

print(o\_tooley\_votes)

print(khan\_votes)

print(li\_votes)

print(correy\_votes)

Better solution working

import os

import csv

csv\_path = os.path.join('PyPoll','election\_data.csv')

with open(csv\_path, 'r') as csv\_file:

    # Split the data on commas

    csv\_reader = csv.reader(csv\_file, delimiter=',')

    header = next(csv\_reader)

    row\_counter = 0

    candidate\_list=[]

    candidate=[]

    vote\_count = 0

    candidate\_dict= {"Candidate":candidate, "Votes": vote\_count}

    for row in csv\_reader:

        row\_counter+=1

        candidate= str(row[2])

        candidate\_dict["Candidate"].append(candidate)

        vote\_count=1

    else:

        vote\_count+=1

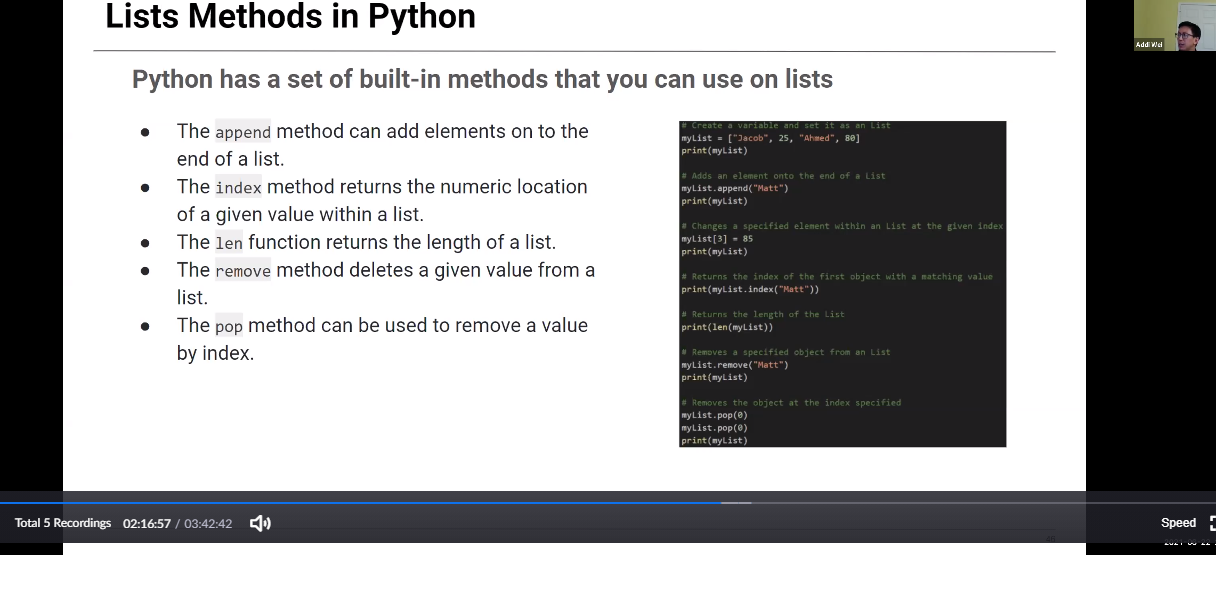
        row\_counter+=1

    print(f"Total Votes: {row\_counter}")

    print(f"Vote:{print(candidate\_dict)}")

        #print(voter\_id)

HW hints



----must move analysis

