from datetime import datetime

date\_format = "%m/%d/%Y"

a = datetime.strptime('12/31/2010', date\_format)

import numpy

import csv

from collections import defaultdict

columns = defaultdict(list) # each value in each column is appended to a list

with open('C:/Users/Kay/Desktop/cleaned\_test\_values.csv') as f:

reader = csv.DictReader(f) # read rows into a dictionary format

for row in reader: # read a row as {column1: value1, column2: value2,...}

for (k,v) in row.items(): # go over each column name and value

columns[k].append(v) # append the value into the appropriate list

# based on column name k

print(columns['date\_recorded'])

print(columns['date\_recorded'][0])

dates = []

for i in range(len(columns['date\_recorded'])):

b = datetime.strptime(columns['date\_recorded'][i], date\_format)

delta = b - a

dates.append(delta.days)

print(dates)

out = open('C:/Users/Kay/Desktop/zzzzzz.txt', "w")

for date in dates:

out.write(str(date))

out.write('\n')

out.close()