import pandas as pd  
#3. load csv file into Pandas:  
user\_columns = ['Date\_Received',  
 'Product',  
 'Sub-Product',  
 'Issue',  
 'Sub-Issue',  
 'Consumer\_Comp\_Narrative',  
 'Company\_Public\_Resp',  
 'Company',  
 'State',  
 'ZIP\_Code',  
 'Tags',  
 'Consumer\_Consent\_Provided',  
 'Submitted\_Via',  
 'Date\_Sent\_to\_Company',  
 'Company\_Response',  
 'Timely\_Response',  
 'Consumer\_Disputed',  
 'Complaint\_ID']  
comp = pd.read\_csv('/Users/uriasescudero/PycharmProjects/UE\_PythonLabs/venv/Consumer\_Complaints.csv',  
 low\_memory=False,  
 error\_bad\_lines=False,  
 sep=',',  
 header=0,  
 names=user\_columns)  
#4. Retrieve 1-5 rows of dataset:  
#print (comp.head())  
  
#5a Delete Consumer\_Comp\_Narrative:  
comp.drop('Consumer\_Comp\_Narrative', axis=1, inplace=True)  
#print(comp.head())  
  
#5b. Delete Company\_Public\_Resp:  
comp.drop('Company\_Public\_Resp', axis=1, inplace=True)  
#print(comp.head())  
  
#5c. Delete Consumer\_Consent\_Provided:  
comp.drop('Consumer\_Consent\_Provided', axis=1, inplace=True)  
#print(comp.head())  
  
#5d. Delete Consumer\_Disputed:  
comp.drop('Consumer\_Disputed', axis=1, inplace=True)  
#print(comp.head())  
  
#5e. Delete Complaint\_ID:  
comp.drop('Complaint\_ID', axis=1, inplace=True)  
#print(comp.head())  
  
#5f. Delete Tags:  
comp.drop('Tags', axis=1, inplace=True)  
#print(comp.head())  
  
#5g. Delete Issue:  
comp.drop('Issue', axis=1, inplace=True)  
print(comp.head())  
  
#6. How many rows and columns are in the dataset?  
print('')  
print(comp.shape)  
  
#7. Delete rows 0 - 1000  
comp.drop(comp.index[0:1000])  
print(comp.head())  
  
#8. How many rows and columns are in the dataset?  
print(comp.shape)  
  
#9. Sort the dataframe by Date Recieved descending - Print Dataframe:  
print(comp['Date\_Received'].head().sort\_values(ascending=False))  
  
#10 Find the number of Disputes by Company:  
print(comp.groupby('Company').Company.count())  
  
#11 Find the number of Disputes per State:  
print(comp.groupby('State').State.count())  
  
#12 Find number of disputes by Date Received year, month descending:  
import datetime  
comp['Date\_Received'] = pd.to\_datetime(comp.Date\_Received)  
print(comp.head())  
print(comp.dtypes)  
  
print(comp['Date\_Received'].dt.year.head().count() & A close up of a piece of paper

Description automatically generatedA close up of a logo

Description automatically generatedcomp['Date\_Received'].dt.month.head().sort\_values(ascending=False))

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