**1. What is the acronym for comma separated values?**

* cosv
* csepv
* csv

**2.** What Python libraries were considered "Algorithmic Libraries" in this course?

* Scikit-learn, Statsmodels
* Pandas, Numpy, SciPy
* Matplotlib, Seaborn

**3.** What is the file path?

* The file path tells us where the data is stored.
* The way data is encoded.

**4.** What does the tail() method return?

* It returns the last five rows
* It returns the first five rows
* It returns the data types of each column

**5.** In a dataset what is the name of the columns?

* Row
* Type
* Header

**6.** The Matplotlib library is mostly used for what?

* Data analysis
* Machine learning
* Data visualization

**7.** What would the following code segment output from a dataframe **df**?

df.tail(10)

* It would return all of the rows of the dataframe
* It would return the last 10 rows of the dataframe
* It would return the first 10 rows of the dataframe

**8.** What is the function used to remove rows and columns with Null or NaN values?

* replacena()
* dropna()
* removena()

**9.** How would you multiply each element in the column **df["a"]** by 2 and assign it back to the column **df["a"]**?

* df["a"]=df["a"]-1
* df["a"]=2\*df["a"]
* 2\*df["a"]

**10.** What does the below code segment give an example of for the column “length”?

df["length"] = (df["length"]-df["length"].mean())/df["length"].std()

* It gives an example of the z-score or standard score
* It gives an example of the max-min method

**11.** What is it called when you subtract the mean and divide by the standard deviation?

* One-hot encoding
* Data standardization
* Min-max method

**12.** What function will change the name of a column in a dataframe?

* replace()
* rename()
* exchange()