

Review 8

Started: May 23 at 2:43pm

Quiz Instructions

Do not submit your Review until you are sure that your answers are correct.

If you are unsure, it is more fun for everyone if you ask about the question in class. And, of course, you can research the question any way you choose.

You can navigate away from your Review, and come back to where you left off.

But once you submit, your Review is graded and that will be your score.

Good luck!

Question 1

10 pts

In the following code:

```
for thing in open('story.txt', encoding="utf-8"):
    print(thing)
```

thing is:

- ☒ a line of text from the file "story.txt".
- ☐ the length of the string "story.txt"
- ☐ a character from the file "story.txt".
- ☐ a character from the string "story.txt".
- ☐ a word of text from the file "story.txt".

Question 2

10 pts

When opening a file, the second argument is **mode**. Which is a list of popular modes?

☒ read, write, append

☐ open, close, defer

☐ block, wait, stall

Question 3

10 pts

In this code:

```
with open("my.txt", encoding="utf-8") as file_obj:  
    x = len(file_obj.read().split())
```

which is a descriptive and truthful identifier to use instead of **x**?

☐ length_of_file

☐ number_of_lines

☐ number_of_characters

☒ number_of_words

Question 4

10 pts

When you use **pd.read_csv("data.csv")**, you might use some of the many optional arguments. Which one below is *NOT* right:

- ☐ with **sep** you can indicate how the data values are separated.
- ☐ with **usecols** you can say which columns to include in the data.
- ☐ **index_col**
- ☐ with **headers** you can say which rows to use for headers.
- ☒ with **index_name** you can give the name to the index.

Question 5**10 pts**

Jupyter notebooks are stored in which format?

- ☐ pickle
- ☐ html
- ☒ json
- ☐ csv

Question 6**10 pts**

Which method tells you which rows in your dataframe, **df**, are duplicated:

- ☐ `df.repeats()`
- ☐ `df.duplicates()`
- ☐ `df.dups()`
- ☒ `df.duplicated()`

Question 7

10 pts

Which method do you use to drop duplicated data, leaving only unique rows?

- ☐ `df.duplicated()`
- ☐ `df.drop_dups()`
- ☐ `df.del_duplicates()`
- ☒ `df.drop_duplicates()`

Question 8

10 pts

For the **DataFrame.replace()** method, which type can you *NOT* use to indicate your

replacements?



list



array



dict

Question 9

10 pts

If you want to drop any rows from your dataframe, **df** that have missing values:



df.delna()



df.dropnan()



df.dropna()



df.dropmissing()

Question 10

10 pts

Which of these will *NOT* work when you want to make all your missing values be 0 in your dataframe, **df**:



df.ffill(np.nan)



```
df.replace([np.nan],0)
```



```
df.replace(np.nan, 0)
```



```
df.fillna(0)
```

Quiz saved at 2:56pm

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