DSA101.1
Introduction to Data Analytics and Python

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PythonRefresherNew (exercise2)

Functions, concepts, exceptions, conditions, iterables, and classes – oh my!

We will

- Get a refresher on Python syntax and concepts
- Learn about an object-oriented approach

I expect you to understand Python objects at this level for the exam.

Minimum Working Examples (MWE) (exercise3)

Why is this not an MWE? Discuss.

How can I get my code to not return an empty list? [closed]

Asked yesterday   Modified yesterday   Viewed 42 times

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I am trying to take portions of a dataset, `_2020` (which is an excel file), and put those portions into lists by the appropriate station name. Here is my code:

```
_2020 = pd.read_excel(r'C:\filepath\file.xlsx', 'Stations')

lista_20 = []
listb_20 = []
listc_20 = []


for row in _2020.iterrows():
    if ([_2020['Station Names'] == 'Station_1']):
        lista_20.append(row)
    elif ([_2020['Station Names'] == 'Station_2']):
        listb_20.append(row)
    elif ([_2020['Station Names'] == 'Station_3']):
        listc_20.append(row)
```

Whenever I run, `print(lista_20)`, it prints out the data that is supposed to go into the `listc_20` list.

I expect you to understand what is, and is not, an MWE for the exam.

https://stackoverflow.com/questions/79156837/how-can-i-get-my-code-to-not-return-an-empty-list; see also https://allpix-squared.docs.cern.ch/docs/13_faq/06_debugging

Speeding up slow processes (exercise4)

Sixteen seconds feels like forever… how to get rid of those eternal 16 seconds?

I expect you to understand the trick that's used here for the exam.

https://cartoonhalloffame.fandom.com/wiki/Road-Runner?file=247b%3Bh84.png