Pandas exercises

✓ Which of the following can use to create a Series, where 'date' is list ?? * 1/1

○ data.Series()

○ pd.Series()

◉ pd.Series(data)   ✓

✓ what output of the following code: *   1/1

```
import pandas as pd


data=(1,3,5,7)
pd.Series(data)
```

```
0    1
1    3
2    5
3    7
dtype: int64
```

                                                    0
                                              0   1
                                              1   3
                                              2   5
                                              3   7

◉ A: ✓   ○ B:

✓ what output of the following code: * 1/1

```
import pandas as pd

data=(1,'3',5,7)
pd.DataFrame(data)
```

```
0    1
1    3
2    5
3    7
dtype: int64
```

	0
0	1
1	3
2	5
3	7

○ A:

◉ B: ✓

✓ what data type of output of the following code: * 1/1

```
import pandas as pd

data=(1,'3',5,7)
pd.Series(data)
```

○ int

○ float

○ string

◉ object ✓

HINT
You can Download Data from : https://github.com/dscmachine/Pandas/tree/main/exercises%20data

✓ Which of the following can use to read date? *　　　　　1/1

○ data.to_csv("fruits_data.csv")

◉ pd.read_csv("fruits_data.csv")　　　　　　　　　　✓

○ pd.read_csv(fruits_data)

✓ how many columns have float data type in data? *　　　1/1

○ 3

○ 1

◉ 4　　　　　　　　　　　　　　　　　　　　　　　✓

○ 5

✓ how many missing value in "color_score " column? *　　1/1

○ 54

◉ 5　　　　　　　　　　　　　　　　　　　　　　　✓

○ 55

○ 4

✓ how many fruit types in data? *   1/1

○ 5

◉ 4   ✓

○ 3

○ 2

✓ How many entries in data? *   1/1

◉ 413   ✓

○ (59, 7)

○ (start=0, stop=59, step=1)

✓ What fruit types in data? *   1/1

○ ['apple', 'orange', 'lemon']

○ ['apple', 'orange']

◉ ['apple', 'orange', 'lemon', 'mandarin']   ✓

○ None the above

✓ Which column in data have the most missing values ? *   1/1

○ mass

○ fruit_label

◉ fruit_subtype   ✓

○ height

✓ Which column in data have the laest missing values ? *   1/1

○ mass

◉ fruit_label   ✓

○ fruit_subtype

○ height

✓ Which of the following column in data have the same missing values ? *   1/1

☑ mass   ✓

☑ color_score   ✓

☑ width   ✓

☐ height

✓ what fruit type have the most frequent in data? *   1/1

○ apple

○ lemon

◉ orange   ✓

✓ what standard deviation of numerical data in data? *   1/1

○ 55.939570

○ 0.823824

◉ 24.634957   ✓

○ 11.880093

✓ what mean of numerical data in data? *   1/1

◉ 36.521178   ✓

○ 7.640000

○ 164.518519

○ 71.613142

✓ What the least mass of apple? *   1/1

○ 7.1

○ 0.6

◉ 140.0   ✓

○ 164.5

✓ What the most color score of orange? *   1/1

○ 0.93

◉ 0.82   ✓

○ 0.72

○ 0.77

✓ What the least color score of apple that have mass greater than 120 ? *   1/1

◉ 0.55   ✓

○ 6.8

○ 0.30

○ 0.77

✓ how many fruits have mass greater than 120? *   1/1

○ 57

○ 49

○ 40

◉ 43   ✓

✓ how many subtype of fruits have mass greater than 120? *   1/1

○ 57

◉ 41   ✓

○ 47

○ 43

✓ how many oranges have mass greater than 120 and width greater than 5?1/1
    *

○ 42

◉ 18   ✓

○ 43

○ 17

✓ if fruit subtype is spanish belsan , we can predict that this fruit is .... *   1/1

○ apple

○ orange

◉ lemon   ✓

○ mandarin