Congratulations! You passed!

Grade received 100%
To pass 80% or higher

Go to next item

Python Assessment: Univariate Analysis

Latest Submission Grade 100%

1. Using the NHANES data and the previous notebook, the following questions will be about the variable BPXSY2 (with missing values remove). Round your answer to the nearest tenth. (ex: 2.33 should be 2.3, 2.15 should be 2.2) **1 / 1 point**

What is the median?

122.0

Correct

2. **What is the mean?** **1 / 1 point**

Round your answer to the nearest tenth. (ex: 2.33 should be 2.3, 2.15 should be 2.2)

124.8

Correct

3. **What is the standard deviation?** **1 / 1 point**

Round your answer to the nearest tenth. (ex: 2.33 should be 2.3, 2.15 should be 2.2)

18.5

Correct

4. **What is the max?** **1 / 1 point**

Round your answer to the nearest tenth. (ex: 2.33 should be 2.3, 2.15 should be 2.2)

238.0

Correct

5. **What is the Interquartile Range (IQR)?** **1 / 1 point**

Round your answer to the nearest tenth. (ex: 2.33 should be 2.3, 2.15 should be 2.2)

22.0

Correct

6. Which of these will return descriptive statistics for a numeric Series ‘s’? **1 / 1 point**

- (●) s.describe()
- ( ) Series.describe()
- ( ) describe(s)
- ( ) s.descriptive_stats()

Correct

7. Select all that apply: Which will produce a histogram of the numeric Series ‘s’ **1 / 1 point**

- [x] sns.distplot(s)

Correct

- [ ] sns.hist(a=s)
- [x] sns.distplot(a=s)

Correct

- [x] sns.distplot(a=s).set(title="Histogram of s")

Correct

- [ ] sns.hist(s)
- [ ] sns.hist(a=s).set(title="Histogram of s")

8. **How many rows of the DataFrame 'df' are shown with the following code:** **1 / 1 p**

```
1  df.head()
```

5

Correct

9. What data is shown when the following code is run? **1 / 1 p**

```
1  df.head(2)
```

- ○ Columns 1 and 2
- ○ Columns 0 and 1
- ○ Rows 1 and 2
- ◉ Rows 0 and 1
- ○ All rows containing the value '2'

✓ **Correct**