

**Congratulations! You passed!**

TO PASS 80% or higher

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GRADE

100%

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

**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



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



Correct

6. Which of these will return descriptive statistics for a numeric Series 's'?

1 / 1 point

- ☐ describe(s)
- ☒ s.describe()
- ☐ Series.describe()
- ☐ s.descriptive_stats()



Correct

7. Select all that apply: Which will produce a histogram of the numeric Series 's'

1 / 1 point

☐ `sns.hist(s)`

☐ `sns.hist(a=s)`

☒ `sns.distplot(a=s).set(title="Histogram of s")`

✓ Correct

☒ `sns.distplot(a=s)`

✓ Correct

☒ `sns.distplot(s)`

✓ Correct

☐ `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 point

1	<code>df.head()</code>	

5



Correct

9. What data is shown when the following code is run?

1 / 1 point

```
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