Congratulations! You passed!
TO PASS 80% or higher

Keep Learning

GRADE
88.88%

Python Assessment: Univariate Analysis

LATEST SUBMISSION GRADE
88.88%

1. Using the NHANES data and the previous notebook, the following questions will be about the variable BPXSY2 (with missing values remove). All answers should be rounded to the nearest decimal values (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

All answers should be rounded to the nearest decimal values (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

All answers should be rounded to the nearest decimal values (ex: 2.33 should be 2.3, 2.15 should be 2.2)

18.5

Correct

4. **What is the max?**

1 / 1 point

All answers should be rounded to the nearest decimal values (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

All answers should be rounded to the nearest decimal values (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'?

0 / 1 point

- ○ describe(s)
- ○ s.descriptive_stats()
- ◉ Series.describe()
- ○ s.describe()

Incorrect

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

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

✓ **Correct**

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

✓ **Correct**

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

✓ **Correct**

- [ ] sns.hist(s)

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

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

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**