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CC: 4.1.5: Comparing Correlation Matrices

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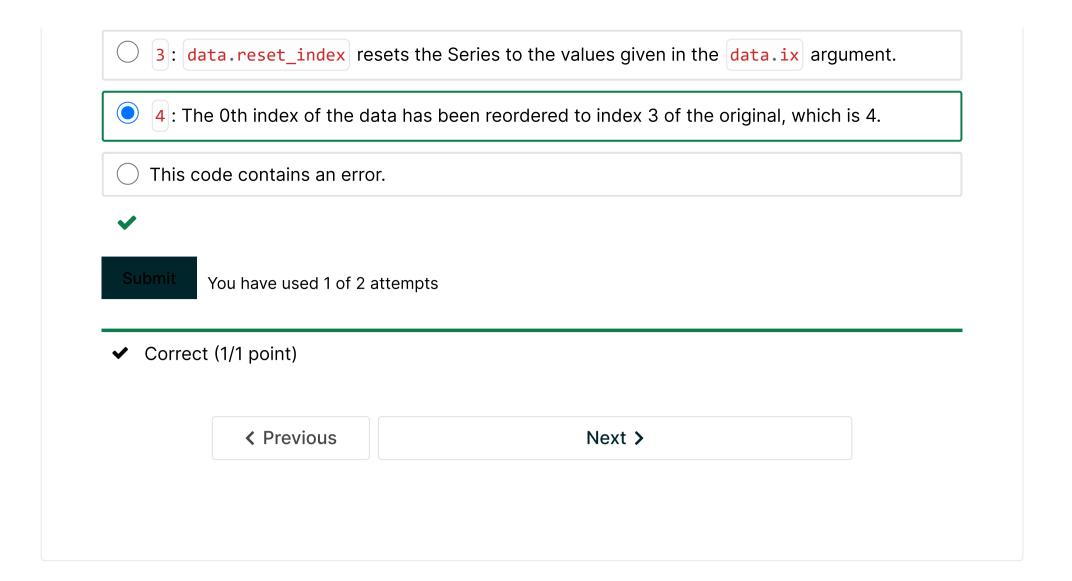Hide Notes

Comparing Correlation Matrices: Question 1

1/1 point (graded)

Consider the following code:

```python
import pandas as pd
data = pd.Series([1,2,3,4])
data = data.ix[[3,0,1,2]]
```

What does `data[0]` return? Why?

- ⦿ 1 : `data.ix` alters the order of appearance, but leaves the indices the same.

- ◯ 2 : `data.ix` reorders the indices according to the argument.

- ◯ 3 : `data.ix` resets the Series to the values given as the argument.

- ◯ 4 : The 0th index of the data has been reordered to correspond to index 3 of the original, which is 4.

- ◯ This code contains an error.

✔

Submit   You have used 1 of 2 attempts

✔ Correct (1/1 point)

Comparing Correlation Matrices: Question 2

1/1 point (graded)

Consider the following code:

```python
import pandas as pd
data = pd.Series([1,2,3,4])
data = data.ix[[3,0,1,2]]
data = data.reset_index(drop=True)
```

What does `data[0]` return? Why?

- ◯ 1 : `data.reset_index` resets the order of appearance, altering the indices to the original.

- ◯ 2 : `data.reset_index` reorders the indices according to the `data.ix` argument.

○ 3 : `data.reset_index` resets the Series to the values given in the `data.ix` argument.

● 4 : The 0th index of the data has been reordered to index 3 of the original, which is 4.

○ This code contains an error.

✔

Submit   You have used 1 of 2 attempts

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