Quiz

Basic Visualization Tools

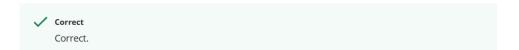
1.	Area plots are unstacked by default.	1/1 point
	O True.	
	False.	
	✓ Correct Correct.	
2.	The following code uses the artist layer to create a stacked area plot of the data in the <i>pandas</i> dataframe, area_df.	1/1 point
	<pre>import matplotlib.pyplot as plt area_df.plot(kind='area', figsize=(20, 10)) plt.title('Plot Title') plt.ylabel('Vertical Axis Label') plt.xlabel('Horizontal Axis Label') plt.show()</pre>	
	○ True.⑥ False.	
	✓ Correct Correct.	

1 / 1 point

1	import matplotlib.pyplot as plt	
2		
3	transparency = 0.35	
4	area_df.plot(kind='area', alpha=transparency, figsize=(20, 10))	
5		
6	<pre>plt.title('Plot Title')</pre>	
7	plt.ylabel('Vertical Axis Label')	
8	plt.xlabel('Horizontal Axis Label')	
9		
10	plt.show()	

True.

O False.



4. The following code will create a histogram of a *pandas* series, **series_data**, and align the bin edges with the horizontal tick marks.

0 / 1 point

```
1 count, bin_edges = np.histogram(series_data)
2 series_data.plot(kind='hist', xticks = count, bin_edges)
```

True.

O False.

Incorrect
Incorrect. The parameter xticks should be equal to bin_edges only.

5. The following code will create a horizontal bar chart of the data in a *pandas* dataframe, **question.**

1/1 point

```
1 question.plot(kind='barh')
```

True.

O False.

