



Commented [AM6]: Somme issues with percentage calculation

Commented [AM7R6]: Issues Cleared

1. Area plots are stacked by defaults (1 Point)

True

2. Which of the following codes uses the artist layer to create a stacked area plot of the data in the pandas dataframe, area_df (1 Point)

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

True

3. The following code will create a unstacked area plot of the data in the pandas dataframe, area_df, with a transparency value of 0.35? (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 plt.title('Plot Title')
7 plt.ylabel('Vertical Axis Label')
8 plt.xlabel('Horizontal Axis Label')
9
10 plt.show()
```

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. (1 Point)

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

False

5. The following code will create a horizontal bar chart of the data in a pandas dataframe, question. (1 Point)

```
1 question.plot(type='bar', rot=90)
```

False