

3. Which of the following codes will create an unstacked area plot of the data in the *pandas* dataframe, *area_df*, with a transparency value of 0.35?

1 / 1 point

- ☐

```
1 import matplotlib.pyplot as plt
2
3 transparency = 1 - 0.35
4 area_df.plot(kind='area', alpha=transparency, stacked=False)
5
6 plt.title('Plot Title')
7 plt.ylabel('Vertical Axis Label')
8 plt.xlabel('Horizontal Axis Label')
9
10 plt.show()
```
- ☐

```
1 transparency = 0.35
2 ax = area_df.plot(type='area_plot', alpha=transparency, sta
3
4 ax.title('Plot Title')
5 ax.ylabel('Vertical Axis Label')
6 ax.xlabel('Horizontal Axis Label')
```
- ☒

```
1 transparency = 0.35
2 ax = area_df.plot(kind='area', alpha=transparency, stacked=
3
4 ax.set_title('Plot Title')
5 ax.set_ylabel('Vertical Axis Label')
6 ax.set_xlabel('Horizontal Axis Label')
```
- ☐

```
1 transparency = 0.35
2 ax = area_df.plot(kind='area', alpha=transparency, stacked=
3
4 ax.title('Plot Title')
5 ax.ylabel('Vertical Axis Label')
6 ax.xlabel('Horizontal Axis Label')
```
- ☐

```
1 import matplotlib.pyplot as plt
2
3 area_df.plot(kind='area', stacked=False, 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()
```