1. Area plots are unstacked by default

-> False

a stacked area plots of the data in the

ax = area - df. plot (kind = 'area', figsize = (20,10))

ax. litle ('Plot Tille')

ax · ylabel (' Vertical Axis label')

ax . xlabel ( Horizontal Axis Label')

- False

3. The following code will create a stacked area plot of the data in the pandas dataframe, area\_df, with a transportancy value of 0.35?

import motplotlib. pyplot as plt

transparency = 0.35

area\_df.plot (kind = 'area', alpha = transparency, figsize = (20,10))

pit - title ('Plot Title')

plt · ylabel ('Vertical Axis Label')

plt. xlabel ( Horizontal Axis Label')

plt. show ()

-> True

4. The following code will create a histogram of a pandas series series data and align the bin edges with the horizontal lick marks count, bin\_edges = np.histogram (series\_data)

series\_data plot ( kind = 'hist', xticks = count, bin\_edges)

False

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The following				
chart of b		eate a	horizontal ba	1
question.	data in a	pandas	dataframe	
			3	

question . plot ( kind = 'barh')

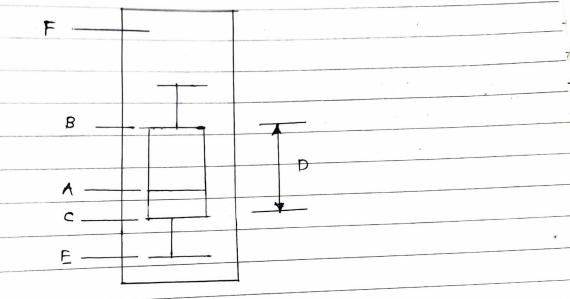
True

# Specialized Visualization Tools

1. Bar charts are less confusing than pie charts and should be your lirst attempt when creating a visual to explore a dataset. 7

True

2.



What do the letters in the box plot above represent

A: Median

Third Quartile

First Quartile

Inter Quartile Range D;

minimum E;

@ Outliers F;

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- parameter to create a boxplot in Matplotlib?

  Function = plot, and
  - Parameter = kind with value = 11 box 1
- 4. Which of the lines of codes pelow will Create the following scatter plot, and given the pandas dataframe, af-total?

import matplotlib · pyplot as plt

df-total · plot (Kind = 'scatter', x = 'year', y = 'total')

plt-title ('Total Immigration poplution to Canada

from 1980-2013')

Plt-xlabel ('Year')
plt-ylabel ('Number of Immigration)

\*\* A Bubble plot is a variation of the scatter plot that displays one = dimension of data.