



✓ **Congratulations! You passed!**

TO PASS 80% or higher

Keep Learning

GRADE
100%

Specialized Visualization Tools

LATEST SUBMISSION GRADE

100%

1. Pie charts are less confusing than bar charts and should be your first attempt when creating a visual.

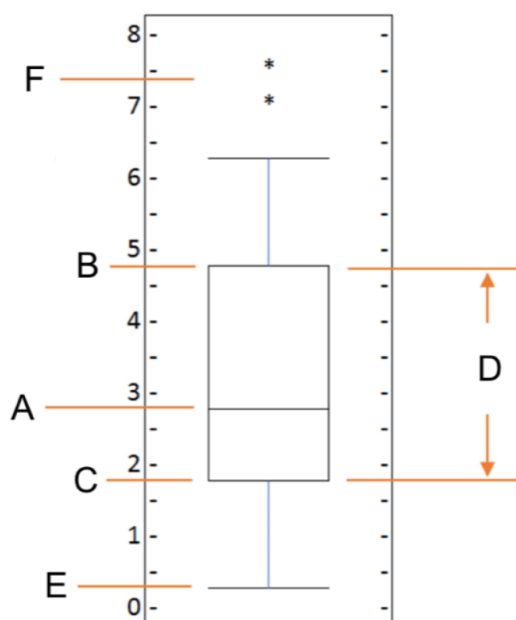
1 / 1 point

- ☐ True
☒ False

✓ **Correct**
Correct.

2.

1 / 1 point



What do the letters in the box plot above represent?

- ☐ A = Median, B = Third Quartile, C = Mean, D = Inter Quartile Range, E = Lower Quartile, and F = Outliers
- ☐ A = Mean, B = Upper Mean Quartile, C = Lower Mean Quartile, D = Inter Quartile Range, E = Minimum, and F = Outliers
- ☐ A = Mean, B = Third Quartile, C = First Quartile, D = Inter Quartile Range, E = Minimum, and F = Outliers
- ☐ A = Mean, B = Third Quartile, C = First Quartile, D = Inter Quartile Range, E = Minimum, and F = Maximum
- ☒ A = Median, B = Third Quartile, C = First Quartile, D = Inter Quartile Range, E = Minimum, and F = Outliers

✓ **Correct**
Correct.

3. What is the correct combination of function and parameter to create a box plot in Matplotlib?

1 / 1 point

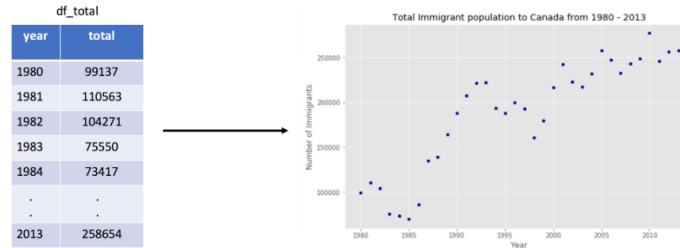
- ☐ Function = plot, and Parameter = kind with value = "boxplot"
- ☒ Function = plot, and Parameter = kind with value = "box"
- ☐ Function = plot, and Parameter = type with value = "box"

- ☐ Function = box, and Parameter = type with value = "plot"
- ☐ Function = boxplot, and Parameter = type with value = "plot"

✓ Correct
Correct.

4. Which of the lines of code below will create the following scatter plot, given the *pandas* dataframe, *df_total*?

1 / 1 point



- ☐

```

1 import matplotlib.pyplot as plt
2
3 plot(kind='scatter', x='year', y='total', data=df_total)
4
5 plt.title('Total Immigrant population to Canada from 1980 - 2013')
6 plt.label('Year')
7 plt.label('Number of Immigrants')
```
- ☐

```

1 import matplotlib.pyplot as plt
2
3 df_total.plot(type='scatter', y='year', x='total')
4
5 plt.title('Total Immigrant population to Canada from 1980 - 2013')
6 plt.xlabel('Year')
7 plt.ylabel('Number of Immigrants')
```
- ☒

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✓ Correct
Correct.

5. A bubble plot is a variation of the scatter plot that displays three dimensions of data.

1 / 1 point

- ☒ True.
- ☐ False

✓ Correct
Correct.