**Introduction to Data Visualization Tools**

**LATEST SUBMISSION GRADE**

80%

1.Question 1

Data visualizations are used to explore a given dataset and perform data analytics and build predictive models.



True.



False.

**Correct**

Correct. Data visualizations are not meant to perform data analytics and build predictive models.

**1 / 1 point**

2.Question 2

Matplotlib was created by



John Butler, an American psychologist.



James Gosling, a Canadian computer scientist.



Daniel Johnson, a German physicist.



John Hunter, an American neurobiologist.



Cleve Moler, an American mathematician and computer programmer.

**Correct**

Correct.

**1 / 1 point**

3.Question 3

What are the layers that make up the Matplotlib architecture?



Figure Layer, Artist Layer, and Scripting Layer.



FigureCanvas Layer, Renderer Layer, and Artist Layer.



Backend Layer, Artist Layer, and Scripting Layer.



Backend Layer, FigureCanvas Layer, Renderer Layer, Artist Layer, and Scripting Layer.



Backend\_Bases Layer, Artist Layer, Scripting Layer.

**Correct**

Correct.

**1 / 1 point**

4.Question 4

Using the inline backend, you can modify a figure after it is rendered.



True.



False.

**Incorrect**

Incorrect. You cannot modify a figure after it is rendered using the inline backend.

**0 / 1 point**

5.Question 5

**%matplotlib inline** is an example of Matplotlib magic functions.



True.



False.

**Correct**

Correct. A sign of a magic function is that it starts with a "%matplotlib" and inline is a Matplotlib backend.