**Introduction to Data Visualization Tools**

**TOTAL POINTS 5**

1.Question 1

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



True.



False.

1 point

2.Question 2

Matplotlib was created by John Hunter, an American neurobiologist, and was originally developed as an EEG/ECoG visualization tool.



True.



False.

1 point

3.Question 3

What are the layers that make up the Matplotlib architecture?



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



Backend\_Bases Layer, Artist Layer, Scripting Layer.



Backend Layer, Artist Layer, and Scripting Layer.



FigureCanvas Layer, Renderer Layer, and Artist Layer.



Figure Layer, Artist Layer, and Scripting Layer.

1 point

4.Question 4

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



True.



False.

1 point

5.Question 5

Which of the following are examples of Matplotlib magic functions? Choose all that apply.



%matplotlib inline



#matplotlib notebook



%matplotlib notebook



$matplotlib outline



#matplotlib inline

1 point