

Introduction to Data Visualization Tools

Quiz, 5 questions

5/5 points (100%)



Congratulations! You passed!

Next Item



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1.

Data visualizations are used to (check all that apply):

☐

support recommendations to different stakeholders.



Correct

True. This is one of the uses of data visualization.

☐

share unbiased representation of data.



Correct

True. This is one of the uses of data visualization.

☐

perform data analytics and build predictive models.



Un-selected is correct

☐

explore a given dataset.



Correct

True. This is one of the uses of data visualization.

☐

train and test a machine learning algorithm.



Un-selected is correct

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2.

Matplotlib was created by

- ☐ John Butler, an American psychologist.
- ☐ Daniel Johnson, a German physicist.
- ☐ Cleve Moler, an American mathematician and computer programmer.
- ☒ John Hunter, an American neurobiologist.

Correct

Correct.

- ☐ James Gosling, a Canadian computer scientist.



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3.

What are the layers that make up the Matplotlib architecture?

- ☐ Figure Layer, Artist Layer, and Scripting Layer.
- ☐ Backend_Bases Layer, Artist Layer, Scripting Layer.
- ☒ Backend Layer, Artist Layer, and Scripting Layer.

Correct

Correct.

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



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4.

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

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False.

Correct

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



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5.

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



`%matplotlib inline`

Correct

Correct. A sign of a magic function is that it starts with "`%matplotlib`".



`#matplotlib inline`

Un-selected is correct



`#matplotlib notebook`

Un-selected is correct



`%matplotlib notebook`

Correct

Correct. The command starts with "`%matplotlib`" and notebook is one of Matplotlib backends.



`$matplotlib outline`

Un-selected is correct

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