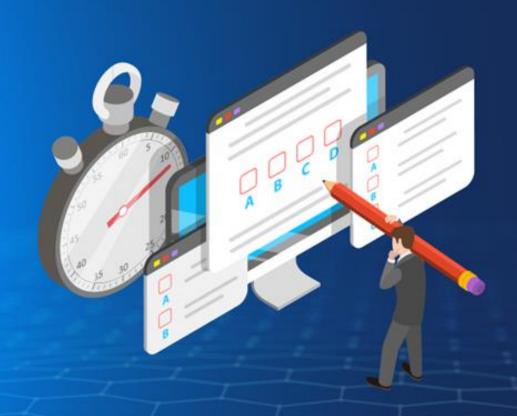
# DATA AND ARTIFICIAL INTELLIGENCE



**Knowledge Check** 



### Which of the following methods is used to set the title?

- A. plot()
- B. plt.title()
- C. plot.title()
- D. title()





1

### Which of the following methods is used to set the title?

- A. plot()
- B. plt.title()
- C. plot.title()
- D. title()



The correct answer is **B** 

plt.title() is used to set the title.



2

# Which of the following methods is used to adjust the distances between the subplots?

- A. plot.subplots\_adjust()
- B. plt.subplots\_adjust()
- C. subplots\_adjust()
- D. plt.subplots.adjust()



2

# Which of the following methods is used to adjust the distances between the subplots?

- A. plot.subplots\_adjust()
- B. plt.subplots\_adjust()
- C. subplots\_adjust()
- D. plt.subplots.adjust()



The correct answer is **B** 

plt.subplots\_adjust() used to adjust the distances between the subplots.



3

# Which of the following libraries needs to be imported to display the plot on Jupyter notebook?

- A. %matplotlib
- B. %matplotlib inline
- C. import matplotlib
- D. import style





3

## Which of the following libraries needs to be imported to display the plot on Jupyter notebook?

- A. %matplotlib
- B. %matplotlib inline
- C. import matplotlib
- D. import style



The correct answer is **B** 

To display the plot on jupyter notebook: import matplotlib %matplotlib inline



4

### Which of the following keywords is used to decide the transparency of the plot line?

- A. Legend
- B. Alpha
- C. Animated
- D. Annotation

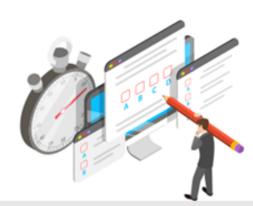




4

### Which of the following keywords is used to decide the transparency of the plot line?

- A. Legend
- B. Alpha
- C. Animated
- D. Annotation



The correct answer is **B** 

Alpha decides the line transparency in line properties while plotting line plot/ chart.



What is the role of exploratory graphs in data analysis?

5

- A. They are made for formal presentations.
- B. They are typically made very quickly.
- Axes, legends, and other details are clean and exactly detailed.
- D. They are used in place for formal modeling.



5

What is the role of exploratory graphs in data analysis?

- They are made for formal presentations. A.
- They are typically made very quickly. В.
- Axes, legends, and other details are clean and exactly detailed.
- They are used in place for formal modeling. D.



The correct answer is **B** 

Graphs made for exploratory data analysis (EDA) are typically made quickly as they are used to summarize the characteristics of the data.



6

### Which of the following statements limits both x and y axes to the interval [0, 6]?

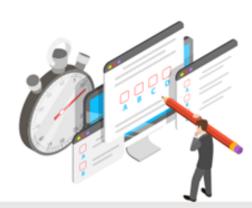
- A. plt.xlim(0, 6)
- B. plt.ylim(0, 6)
- C. plt.xylim(0, 6)
- D. plt.axis([0, 6, 0, 6])



6

### Which of the following statements limits both x and y axes to the interval [0, 6]?

- A. plt.xlim(0, 6)
- B. plt.ylim(0, 6)
- C. plt.xylim(0, 6)
- D. plt.axis([0, 6, 0, 6])



The correct answer is **D** 

plt.axis([0, 6, 0, 6]) statement limits both x and y axes to the interval [0, 6].

