

Plotly quiz

6 out of 8 correct

1. Which Python library is used for creating interactive visualizations?

- ☐ NumPy
- ☐ Pandas
- ☐ Matplotlib
- ☒ Plotly

Explanation: Plotly is a Python library that is used for creating interactive visualizations, such as charts and graphs, with a variety of customization options.

2. Which Plotly module is used for creating scatter plots?

- ☒ plotly.graph_objs
- ☐ plotly.subplots
- ☐ plotly.express
- ☐ plotly.figure_factory

Explanation: The plotly.graph_objs module provides functions for creating various types of plots, including scatter plots.

3. Which of the following is NOT a type of chart that can be created using Plotly?

- ☐ Bar chart
- ☐ Pie chart
- ☐ Line chart
- ☒ 3D histogram

Explanation: Plotly can create a wide range of charts, including bar charts, line charts, scatter plots, and 3D histograms, but does not support creating pie charts.

4. Which function is used to plot a line chart using Plotly?

- ☐ plotly.bar
- ☐ plotly.scatter
- ☒ plotly.line



☐ plotly.pie

Explanation: The plotly.line function is used to plot a line chart in Plotly.

5. Which argument is used to set the title of a plot in Plotly?

☒ title

☐ plot_title

☐ chart_title

☐ main_title

Explanation: The title argument is used to set the title of a plot in Plotly.

6. Which of the following Plotly functions is used to create subplots?

☐ plotly.graph_objs.subplots

☒ plotly.subplots

☐ plotly.express.subplots

☐ plotly.figure_factory.subplots

Explanation: The plotly.subplots function is used to create subplots in Plotly.

7. Which argument is used to set the color of a trace in Plotly?

☒ color

☐ trace_color

☐ line_color

☐ marker_color

Explanation: The marker_color argument is used to set the color of a trace in Plotly.

8. Which of the following is a benefit of using Plotly for data visualization?

☐ Limited customization options

☐ Limited chart types

☒ Interactivity

☐ Poor performance

Explanation: One of the key benefits of using Plotly for data visualization is the interactivity it offers, allowing users to zoom in, hover over data points for details, and more.

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