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Plotly quiz   8 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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