Additional Python Data Analysis Quiz Questions

1. Q: In Python, which library is typically used for creating interactive visualizations in a web browser?

* Matplotlib
* Seaborn
* Bokeh
* Plotly

1. Q: When working with a DataFrame in Pandas, how would you select the rows where the value in the column 'Age' is greater than 30?

* df['Age'] > 30
* df[df['Age'] > 30]
* df.query('Age > 30')
* All of the above

1. Q: In Python, which method is used to randomly shuffle elements in a list 'lst'?

* lst.shuffle()
* random.shuffle(lst)
* shuffle(lst)
* lst.random.shuffle()

1. Q: What is the output of the following Python code: `print('Data' + 'Analysis')`?

* Data Analysis
* Data+Analysis
* DataAnalysis
* Error

1. Q: In a SQL query, which clause is used to filter the results of a query based on a condition?

* WHERE
* FILTER
* HAVING
* SELECT

1. Q: Which Pandas method is used to read data from a SQL database into a DataFrame?

* pd.read\_sql()
* pd.from\_sql()
* pd.sql\_read()
* pd.load\_sql()

1. Q: In NumPy, how do you calculate the dot product of two arrays 'a' and 'b'?

* np.dot(a, b)
* a \* b
* a.dot(b)
* np.multiply(a, b)

1. Q: Which of the following is a valid way to start a multi-line comment in Python?

* //
* #
* '''
* <!--

1. Q: What will be the output of the following Python code snippet: `print(5 // 2)`?

* 2.5
* 2
* 3
* Syntax Error

1. Q: In matplotlib, how would you save a plot to a file named 'myplot.png'?

* plt.save('myplot.png')
* plt.savefig('myplot.png')
* plt.write('myplot.png')
* plt.export('myplot.png')