Python Data Analysis Quiz

1. Q1: What data type is best for storing numerical data with decimal places in Python?

* int
* float
* str
* bool

1. Q2: Which Python library is primarily used for data manipulation and analysis?

* NumPy
* Pandas
* Matplotlib
* Seaborn

1. Q3: In NumPy, what is the main object used for storing data?

* DataFrame
* Series
* Array
* List

1. Q4: Which function in Pandas is used to read a CSV file?

* read\_csv()
* read\_excel()
* read\_html()
* read\_json()

1. Q5: In SQL, which command is used to retrieve data from a database?

* GET
* SELECT
* FETCH
* EXTRACT

1. Q6: What is the output of this Python code: `len(set([1, 2, 3, 2, 1]))`?

* 2
* 3
* 5
* Syntax Error

1. Q7: In Matplotlib, which function is used to create a new figure?

* figure()
* plot()
* show()
* draw()

1. Q8: What method is used to join two DataFrames in Pandas based on a key?

* concat()
* merge()
* join()
* combine()

1. Q9: Which of the following is a Python data type for immutable ordered sequences?

* List
* Dictionary
* Set
* Tuple

1. Q10: What is the primary use of Seaborn library in Python?

* Data Cleaning
* Statistical Data Visualization
* Machine Learning
* Web Development