Your grade: 100%

Your latest: **100%** • Your highest: **100%** • To pass you need at least 75%. We keep your highest score.

Next item

1. Which of the following commands would you use to retrieve only the attribute datatypes of a dataset loaded as pandas data frame `df`? **1 / 1 point**

- (•) df. dtypes
- ( ) df.describe(include='all')
- ( ) df. describe()
- ( ) df.info()

Correct
Correct! df.dtypes will only output the data types of the attributes, like the data frame columns

2. What description best describes the library, Numpy? **1 / 1 point**

- ( ) Includes functions for creating various plots that can be used to create different visualizations for the dataset.
- ( ) Offers data structure and tools for effective data manipulation and analysis. It provides fast access to structured data:
- (•) A highly efficient array processing library capable of quickly performing mathematical transformation functions on single or multi-dimensional arrays.
- ( ) Includes functions for some advanced math problems and scientific processes.

Correct
Correct! This correctly describes the Numpy library.

3. What task does the following code perform? **1 / 1 point**

```
path='C:\Windows\…\ automobile.csv';

df.to_csv(path);
```

- ( ) Converts a CSV file in the directory specified by the path to a data frame.
- ( ) Opens a CSV file specified by the path
- ( ) Loads a CSV file
- (•) Exports your Pandas data frame to a new CSV file in the location specified by the variable path.

Correct
Correct! The **to_csv()** method saves the data frame to a new file in the path specified.

4. How would you use the **describe()** method with a data frame df to get a statistical summary of all the columns in the data frame? **1 / 1 point**

- ( ) `df.describe(include="summary")`
- (•) `df.describe(include="all")`
- ( ) `df.describe(include="None")`
- ( ) `df.describe(include="columns")`

Correct
Correct! *'all'* is the parameter of the **describe()** method, which enables a summary of all the columns.