Practice Quiz: Importing Data Sets
Practice Assignment • 12 min

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 the concise summary of a dataset loaded as pandas data frame `df`? 1 / 1 point

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

Correct
Correct! This would print a concise summary of the whole dataset.

2. What description best describes the library Pandas? 1 / 1 point

- ○ 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.
- ◉ Offers data structure and tools for effective data manipulation and analysis. It provides fast access to structured data:
- ○ Includes functions for creating various plots that can be used to create different visualizations for the dataset.

Correct
Correct! The primary instrument of Pandas is a two-dimensional table consisting of columns and rows of labels, called a data frame. It is designed to provide an easy indexing function. This makes the data structured and makes data manipulation much more convenient.

3. What does the following method do to the data frame? 1 / 1 point

```
df.head(12)
```

- ○ Converts the first 12 data frame columns to a new data frame df1.
- ◉ Shows the first 12 rows of the data frame.
- ○ Converts the last 12 columns of the data frame to a new one.
- ○ Shows the bottom 12 rows of the data frame.

Correct
correct.

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

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