

### Pandas Series

#### Syntax and Concepts

#### Example Code

#### Explanation & OUTPUT

### Pandas Basics

#### Pandas Datastructures

1. Series
2. DataFrames

#### SERIES

**1D** labeled **homogeneously**-typed array.

Series is similar to a 1-D numpy array; Series are one-dimensional array-like structures, though unlike numpy arrays, they often contain non-numeric data (characters, dates, time, booleans etc.)

#### DataFrames

Generally **2D** labeled, **size-mutable tabular** structure with potentially **heterogeneously**-typed column.

Dataframes are multidimensional arrays with attached **row and column labels** rather than simple integer indices.

These can have **missing data** but NumPy arrays cant.



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