

PYTHON - PANDAS

1. Which among the following options can be used to create a DataFrame in Pandas?
A) An ndarray B) a python dictionary C) A scalar value D) All of the above

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2. A series is a one-dimensional array which is labelled and can hold any data type.
A) True B) False

A) True

3. Which of the following operation works with the same syntax as the analogous dictionary operations?
A) Getting columns B) setting columns C) deleting columns D) All of the above

D) All of the above

4. `pandas.NA == pandas.NA`, will give which of the following result?
A) `<NA>` B) True C) False D) Error

A) `<NA>`

5. A panel is a _____ container of data in pandas?
A) 1 dimensional B) 2 dimensional C) 3 dimensional D) infinite dimensions

C) 3 dimensional

6. What will be the output of the following lines of code? `import pandas as pd import numpy as np s = pd.Series(np.random.randn(4)) print(s.ndim)`
A) Error B) 3 C) 2 D) 1

D) 1

7. Which of the following indexing capabilities is used as a concise means of selecting data from a pandas object??
A) `in` B) `iy` C) `ix` D) `ipy`

C) `ix`

8. All pandas data structures are _____ mutable but not always _____ mutable.
A) size, value B) value, size C) semantic, size D) None of these

B) value, size