



## Your grade: 100%

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Your latest: 100% • Your highest: 100% • To pass you need at least 60%. We keep your highest score.

1. What Python object do you cast to a data frame?

1 / 1 point

- tuple
- set
- Dictionary
- List

**Correct**

Correct! Dictionary can be cast to a data frame in Python.

2. How would you access the first row and first column in the DataFrame `df`?

1 / 1 point

- `df.iloc[0,0]`
- `df.iloc[0,1]`
- `df.iloc[1,0]`
- `df.iloc[1,1]`

**Correct**

Correct! As Python uses zero-based indexing, the output here will be the first row and first column.

3. What is the proper way to load a CSV file using pandas?

1 / 1 point

- `pandas.load_csv('data.csv')`
- `pandas.from_csv('data.csv')`
- `pandas.read_csv('data.csv')`
- `pandas.import_csv('data.csv')`

**Correct**

Correct! `pandas.read_csv('data.csv')` loads CSV files using pandas.

4. Assume that you have a data frame containing details of various musical artists, their famous albums, their genres, and various other parameters. Here, `Genre` is the fifth column in the sequence and there is an entry of "Disco" in the 7<sup>th</sup> row of the data. How would you select the Genre disco?

1 / 1 point

- `df.iloc[6, 4]`
- `df.iloc[6, 'genre']`
- `df.iloc[7, 5]`
- `df.iloc[7, 'Genre']`

**Correct**

Correct! `df.iloc[6, 4]` will return the genre "disco."

5. Assume that you have a data frame containing details of various musical artists, their famous albums, their genres, and various other parameters. Here, `Album` is the second column. How do we retrieve *records from row 3 through row 6?*

1 / 1 point

- df.loc[2:5, 'Album']
- df.loc[2, 'Album']
- df.loc[2:5, 1]
- df.iloc[2:6, 3]

 **Correct**

Correct! df.loc[2:5, 'Album'] will return the desired result.