Pandas Read CSV

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Read CSV Files

A simple way to store big data sets is to use CSV files (comma separated files).

CSV files contains plain text and is a well know format that can be read by everyone including Pandas.

In our examples we will be using a CSV file called 'data.csv'.

Download data.csv. or Open data.csv

Example

Get your own Python Server

Load the CSV into a DataFrame:

```
import pandas as pd

df = pd.read_csv('data.csv')

print(df.to_string())
```

Try it Yourself »

If you have a large DataFrame with many rows, Pandas will only return the first 5 rows, and the last 5 rows:

Example

Print the DataFrame without the `to_string()` method:

```
import pandas as pd

df = pd.read_csv('data.csv')

print(df)
```

Try it Yourself »

max_rows

The number of rows returned is defined in Pandas option settings.

You can check your system's maximum rows with the `pd.options.display.max_rows` statement.

Example

Check the number of maximum returned rows:

```
import pandas as pd

print(pd.options.display.max_rows)
```

Try it Yourself »

You can change the maximum rows number with the same statement.

Example

Increase the maximum number of rows to display the entire DataFrame:

```
import pandas as pd

pd.options.display.max_rows = 9999

df = pd.read_csv('data.csv')

print(df)
```

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Exercise ?

CSV is short for:

- Common System Values
- Character Specific Values
- Comma Separated Values

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