

### Pandas

The Pandas library is built on NumPy and provides easy-to-use data structures and data analysis tools for the Python programming language.

```
>> import pandas as pd
help(pd.Series.loc)
>>> s.drop(['a', 'c'])
```

Series Selection

```
>>> df.drop('Country', axis=1)
```

A one-dimensional labeled array capable of holding any data type

By Position Sort & Rank

```
>>> s = pd.Series([3, -5, 7, 4], index=['a', 'b', 'c', 'd'])
>>> df.iloc[0,0]
>>> df.sort_index()
```

### I/O

Read and Write to CSV

Read and Write to SQL Query or Database Table

```
>>> pd.read_csv(, header=None, nrows=5)
>>> from sqlalchemy import create_engine
```

```
>>> df.to_csv('myDataFrame.csv')
>>> engine = create_engine('sqlite:///memory:')
```

```
>>> pd.read_sql("SELECT * FROM my_table;", engine)
```

```
>>> pd.read_sql_table('my_table', engine)
```

```
>>> pd.read_sql_query("SELECT * FROM my_table;", engine)
```

C

By **suchismita**

[cheatography.com/suchismita/](http://cheatography.com/suchismita/)

Not published yet.

Last updated 29th May, 2020.

Page 1 of 1.

Sponsored by **CrosswordCheats.com**

Learn to solve cryptic crosswords!

<http://crosswordcheats.com>