

How to Easily Exclude Columns in Pandas DataFrames

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December 4, 2025

RECOMMENDED CITATION

stats writer (2025). *How to Easily Exclude Columns in Pandas DataFrames*.

PSYCHOLOGICAL SCALES. Retrieved from <https://scales.arabpsychology.com/?p=105032>

Excluding columns in Pandas is easy to do. You can do it by either selecting the column names you want to exclude as a list, or by indexing the columns you want to keep in the dataframe. You can also use the `drop()` method and specify the column names you want to exclude. All of these methods provide a quick and efficient way to select the columns you're interested in.

You can use the following syntax to exclude columns in a pandas DataFrame:

```
#exclude column1
```

```
df.loc
```

```
#exclude column1, column2, ...
```

```
df.loc])
```

The following examples show how to use this syntax in practice.

Example 1: Exclude One Column

The following code shows how to select all columns except one in a pandas DataFrame:

```
import pandas as pd
```

```
#create DataFrame
```

```
df = pd.DataFrame({'points': ,
```

```
'assists': ,
```

```
'rebounds': ,
```

```
'blocks': })
```

```
#view DataFrame
```

```
df
```

```
points assists rebounds blocks
```

```
0 25 5 11 2
```

```
1 12 7 8 3
```

```
2 15 7 10 3
```

```
3 14 9 6 5
```

```
4 19 12 6 3
```

```
5 23 9 5 2
```

```
6 25 9 9 1
```

```
7 29 4 12 2
```

```
#select all columns except 'rebounds'
```

```
df.loc
```

```
points assists blocks
```

```
0 25 5 2
```

```
1 12 7 3
```

```
2 15 7 3
```

```
3 14 9 5
```

```
4 19 12 3
```

```
5 23 9 2
```

```
6 25 9 1
```

```
7 29 4 2
```

Example 2: Exclude Multiple Columns

The following code shows how to select all columns except specific ones in a pandas DataFrame:

```
import pandas as pd
```

```
#create DataFrame
```

```
df = pd.DataFrame({'points': ,
```

```
'assists': ,
```

```
'rebounds': ,
```

```
'blocks': })
```

```
#view DataFrame
```

```
df
```

```
points assists rebounds blocks
```

```
0 25 5 11 2
```

```
1 12 7 8 3
```

```
2 15 7 10 3
```

```
3 14 9 6 5
```

```
4 19 12 6 3
```

```
5 23 9 5 2
```

```
6 25 9 9 1
```

```
7 29 4 12 2
```

```
#select all columns except 'rebounds' and 'assists'
```

```
df.loc]
```

points blocks

0 25 2

1 12 3

2 15 3

3 14 5

4 19 3

5 23 2

6 25 1

7 29 2

Using this syntax, you can exclude any number of columns that you'd like by name.

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