

Remove Columns -> Ufo Dataset

November 16, 2016

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In [1]: import pandas as pd
```

```
In [2]: ufo = pd.read_csv('http://bit.ly/uforeports')
```

```
In [3]: ufo.head()
```

```
Out[3]:
```

	City	Colors Reported	Shape	Reported	State	Time
0	Ithaca	NaN	TRIANGLE	NY	6/1/1930	22:00
1	Willingboro	NaN	OTHER	NJ	6/30/1930	20:00
2	Holyoke	NaN	OVAL	CO	2/15/1931	14:00
3	Abilene	NaN	DISK	KS	6/1/1931	13:00
4	New York Worlds Fair	NaN	LIGHT	NY	4/18/1933	19:00

```
In [4]: ufo.shape
```

```
Out[4]: (18241, 5)
```

```
In [5]: # drop the column "Colors Reported"
ufo.drop('Colors Reported', axis=1, inplace=True)
```

```
In [6]: ufo.head()
```

```
Out[6]:
```

	City	Shape	Reported	State	Time
0	Ithaca	TRIANGLE	NY	6/1/1930	22:00
1	Willingboro	OTHER	NJ	6/30/1930	20:00
2	Holyoke	OVAL	CO	2/15/1931	14:00
3	Abilene	DISK	KS	6/1/1931	13:00
4	New York Worlds Fair	LIGHT	NY	4/18/1933	19:00

```
In [7]: # drop multiple columns at once -> use a list with Strings
ufo.drop(['City', 'State'], axis=1, inplace=True)
```

```
In [8]: ufo.head()
```

```
Out[8]:
```

	Shape	Reported	Time
0	TRIANGLE	6/1/1930	22:00
1	OTHER	6/30/1930	20:00
2	OVAL	2/15/1931	14:00
3	DISK	6/1/1931	13:00
4	LIGHT	4/18/1933	19:00

```
In [9]: # drop rows instead of columns; drop rows 0 and 1 -> use axis = 0
        ufo.drop([0,1], axis=0, inplace=True)
```

```
In [10]: ufo.head()
```

```
Out[10]:
```

	Shape	Reported	Time
2		OVAL	2/15/1931 14:00
3		DISK	6/1/1931 13:00
4		LIGHT	4/18/1933 19:00
5		DISK	9/15/1934 15:30
6		CIRCLE	6/15/1935 0:00

```
In [13]: # check that the rows have in fact been dropped -> total shape before (18239, 2)
        # axis = 0 is default, but you should specify the axis
        ufo.shape
```

```
Out[13]: (18239, 2)
```

```
In [ ]:
```