

▼ Missing Data

Let's see few convenient methods to deal with Missing Data in pandas:

```
import numpy as np
import pandas as pd
```

```
df = pd.DataFrame({'A':[1,2,np.nan],
                   'B':[5,np.nan,np.nan],
                   'C':[1,2,3]})
```

df



	A	B	C
0	1.0	5.0	1
1	2.0	NaN	2
2	NaN	NaN	3

```
df.dropna(axis=0)
```

	A	B	C
0	1.0	5.0	1

```
# height, weight, age, BMI
```

```
df.dropna(axis=1)
```

	C
0	1
1	2
2	3

```
# df.dropna(thresh=2)
df.dropna(thresh=2, axis=1)
# df
```

	A	C
0	1.0	1
1	2.0	2
2	1.0	3

```
df.fillna(value=1)
# df
```

	A	B	C
0	1.0	5.0	1
1	2.0	1.0	2
2	1.0	1.0	3

```
df.fillna(value=df.mean())
df['A'].fillna(value=df['A'].mean())
```

	A	B	C
0	1.0	5.0	1
1	2.0	5.0	2
2	1.5	5.0	3

