Pandas Crash Course

We'll use numpy a lot more than pandas, but here is a quick taste in case you haven't seen it before.

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

In [2]:
```
df = pd.read_csv('salaries.csv')
```

In [3]:
```
df
```

Out[3]:

	Name	Salary	Age
0	John	50000	34
1	Sally	120000	45
2	Alyssa	80000	27

In [4]:
```
df['Name']
```

Out[4]:
```
0      John
1     Sally
2    Alyssa
Name: Name, dtype: object
```

In [5]:
```
df['Salary']
```

Out[5]:
```
0     50000
1    120000
2     80000
Name: Salary, dtype: int64
```

In [6]:
```
df[['Name','Salary']]
```

Out[6]:

	Name	Salary
0	John	50000
1	Sally	120000
2	Alyssa	80000

In [7]:
```
df['Age']
```

Out[7]:
```
0    34
1    45
2    27
Name: Age, dtype: int64
```

In [8]:
```
df['Age'].mean()
```

Out[8]:
```
35.333333333333336
```

In [10]:
```
df['Age'] > 30
```

Out[10]:
```
0     True
1     True
2    False
Name: Age, dtype: bool
```

In [11]:
```
age_filter = df['Age'] > 30
```

In [12]:
```
df[age_filter]
```

Out[12]:

	Name	Salary	Age
0	John	50000	34
1	Sally	120000	45

In [13]:
```
df[df['Age'] > 30]
```

Out[13]:

	Name	Salary	Age
0	John	50000	34
1	Sally	120000	45

In [ ]:
```

```