## **Week 1 Assignment**

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This code is based on small assignments from the course *Open Data With Python*. Used here as a refresher on using **pandas**, **numpy**, and **matplotlib**.

```
In [1]: ▶ import numpy as np
import pandas as pd
```

Create some data in Python, turn it into a DataFrame.

Out[2]:		Var1	Var2	Var3
	0	1	9	5.0
	1	2	8	NaN
	2	1	7	4.0
	3	2	6	3.0
	4	2	6	3.0

Write the DataFrame to a .csv file.

Import the file just created.

Out[5]:		Var1	Var2	Var3
	0	1	9	5.0
	1	2	8	NaN
	2	1	7	4.0
	3	2	6	3.0
	4	2	6	3.0

Use a Pandas method to drop the row with the missing data.

Out[6]:		Var1	Var2	Var3
	0	1	9	5.0
	2	1	7	4.0
	3	2	6	3.0
	4	2	6	3.0

Use a Pandas method to drop the duplicated row.

Import matplotlib.pyplot, then create two arrays to plot.

Build up a plot part by part using a series of functions.

Out[19]: <matplotlib.legend.Legend at 0x20c8b1a95d0>

