Now there's a couple ways to do this exercise. I'll show you one.

We have Ipython open now, I'm doing this line by line right now for instructional purposes, the solution file will have a script.

can see here the file Data.csv. If we open it we can see it's a list of dates and temperatures. Now the dates look kinda ugly right now and there's some temperatures missing. Let's go fix that now

We're gonna import pandas as pd

Next we're going to read the file and place it in the data variable. Right here you can see the parameter 'parase\_dates=[0]', this will format the dates that you will see in just a second.

We're gonna look at our data now. You can see the dates are now different, but there are some numbers still missing, lets go fix that.

We're going to have a variable called fixed and there we are going to call fillna(data.mean()) on data. This will fill all the empty locations with the mean of the data set.

Let's go take a look at it now.

Now for the second part. We're going to create a dataFrame called toOutput, It's going to have countrys shown right here, and it's capitals right here.

Now we're going to type this line right here to put the columns in the order I want, and then we're going to print it.

Perfect, now with this line right here I'm going to write the dataFrame we just created to a file called Output.cvs, the index=false just means the index of each item isn't written as well. Now let's take a look at this file, awesome.

In this video you learned how to make a basic python script to read, write and manipulate data.