- -> notebooks from this lecture: https://github.com/krishnatray/RDP-Reading-Data-with-Python-and-Pandas
- -> to get started with Pandas
- -> there are multiple read_ methods which work with different sources
- -> there is also read html to parse data from a table
- -> you can also read data from more advanced formats
- -> each file can have more advanced formats in Pandas
- -> for example Excel <- this might require more external modules
- -> the read CSV method has more parameters
- -> there are many methods to invoke it
- -> multiple things are going to happen and you can customise different attibutes with this method
- -> getting the documentation to look into the parameters which we need to pass into the particular use case
- -> parsing a CSV file which isn't located in a computer
- ***-> we are loading a CSV file which is from an external API***
    - -> we can download it and then read it into the notebook
    - -> we can also do this remotely
    - -> if it's a local file, it works in the same way
    - -> if you wna to treat the row in the same way
    - -> treating the dash as not a number
    - -> we can parse names
    - -> some of the types can be float and object
    - -> parsing column names, types, null values, headers
- ***-> XM review***
    - -> we can parse this
    - -> delimiter in CSV
- ***-> more examples***
    - -> following the documentation to find the particular use cases
    - -> skip, blank lines
    - -> we can skip rows -> it won't parse them
    - -> read methods
- ***-> write methods***
    - -> we have read CSV, and then we have to CSV
    - -> delimeter
    - -> separator
    - - for every read something method, there is a to something method
    - -> to is to write a file, and read is to write to it
- ***-> question***

How would you import the CSV file data.csv and store it in a DataFrame using the Pandas module?

Options:
import pandas as pd
df = pd.csv("data.csv")

import pandas as pd <- This one
df = pd.read_csv("data.csv")

import pandas as pd
pd.read_csv("data.csv")

import pandas as pd
df = pd.csv_reader("data.csv")