

CSS01 – More File I/O, Pandas Series

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Updates:

- All in-class code and lecture slides can be found on GitHub
 - https://github.com/JohnSerences/CSS01_W2020
- Extra problem set to help you practice the basics
- If having trouble with `files.download()` then check pop-up blocker
- Final exam distributed by Weds, March 6, due Weds of finals week @ 8am

Text vs binary

- Text files contain human readable characters
- Binary files contain a sequence of bytes, where a byte is an 8 bit representation, or a unit of operation (so you might read a file in 8 bit chunks...or multiples of 8)
 - A bit is a 0 or a 1...can string these together to represent numbers
 - So 00000000 == 0, 00000001 == 1, 00000010 == 2 and so on...
 - Machine readable, compact

Some shortcut keys (to start with)

- On a PC cntrl = control key, on Mac cntrl = “apple” key
 - New cell above: cntrl+M A
 - New cell below: : cntrl+M B
 - Convert to code cell: cntrl+M Y
 - Convert to text cell: cntrl+M M
- Run a cell (execute code or display markdown): cntrl+ENTER