***Python for everybody***

***Using Python to access web data***

***Week 5***

Sending data across the “net”

1- Agreeing on a Wire Format

* the act of going from an internal representation on one computer out to a sort of interchange format is called ***serialization***
* So it was taking, from the internal memory of the computer a format that we could sort of sending one character at a time, character, character, character, character, character, so we called this a ***serialization format***
* the act of taking the data off of the wire and turning it into a new internal data structure, in the new environment, potentially in a very new language, is called ***de-serialization***
* you take your Python dictionary, you produce JSON. You send JSON across the network as a string or a document, and then you receive the document, and then you turn it into whatever it is it's going to be on that far side. So that's the basic idea of ***agreeing on data formats***