NumPy Arrays

- the arrays are stored continuously

- the items in the array are all of the same type

- as with tupples (in python) the size is fixed

Data frame (kind of like a matrix / array on excel)

-convert pandas --> numpy --> machine learning

-data frames or .df has index and columns with names and series of data according to data

- when convereted to machine learning only the series of data is passed thru

Attributes vs methods

-python is a object orientated programming language (attributes of objects are used on variables)

Attributes don’t have a parrentheses (eg. user.index ) where as a method of the object / class will such as string.split()