

Pandas Dataframe

`df.columns`

- Show all column names in your dataset

`df['Name'].value_counts()`

- Get all unique values in the column and the frequency of those values
 - Similar to a Stata command
- Might need to use “print” to get this to work

`df['title_bout'] = df['Fight_type'].apply(lambda X: True if 'Title Bout' in X else False)`

- Create binary/TrueFalse variable as new variable

`df.loc[df['col1'] condition, 'col2']`

- Find the value of another column based on some condition for filtering
- Ex: get the names of all people who are 20yrs old or less

Str Time documentation pandas

<https://docs.python.org/3/library/datetime.html#strftime-and-strptime-behavior>

- Convert various formats to a pandas date that can be sorted, etc.

Numpy

Get index of a numpy array

`arr[row:col]`

Beautiful Soup (bs4)

See Page source HTML

Press F12

Get HTML from page to parse

`page = requests.get(url)`

`Soup = BeautifulSoup(page.text, 'html.parser')`

