

Assignment #2

Formatting:

If you're coding in a Jupyter Notebook, just submit your ipynb file with all the outputs. If you're using a py file, include all the outputs in a pdf along with your Python code.

- 1- On craigslist search for "Toyota Camry" and select search 100 miles from your location.
- 2- Get the URL and utilize BeautifulSoup to build a data frame with the parsed data from your search.
- 3- Your data frame should look like this example, with Description, Location, Price, and Year (when each data point is not available, use "null" numpy.nan).

Description	Location	Price	Year
Toyota Camry	Bedford	7000	2011
2007 Toyota Camry Hybrid	Boxborough	3700	2007
2017 Toyota Camry LE	Newton	11995	2017
2011 Toyota Camry - Financing Available!	south shore	8999	2011
2004 Toyota Camry SE 4dr Sedan with	boston	3995	null

- 4- Replace the missing values in "Year" column with the median value of the "Year" column.
- 5- Plot the scatter plot for "Year" vs "Price".
- 6- Get the Pearson Correlation between "Year" and "Price".

Grading Criteria:

Total: 100

- 1- 0
- 2- 0
- 3- 50
- 4- 10
- 5- 20
- 6- 20