Homework 1: CS723

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1 For each sequence of tags below, provide a sentence that would have that sequence of tags, if correctly tagged

1.1 (a) PRP VBP DT NN IN NNP

"I drank some beer in Milwaukee"

1.2 (b) VBZ DT NN VB JJ NNS

"Views the game capture dark knights"

1.3 (c) MD PRP VB DF JJS NN NNS

"Can you repeat all greatest tech books"

1.4 (d) PRP VBP DT NN VBG IN NNP

"You enjoy any building running in Milwaukee"

2

2.1 "The poor can can can the tomatoes."

DT JJ MD VB NN DT NNS

2.2

1)Can you text text?
site: [["MD","PRP","NN","NN","."]]
what is should be: [["MD","PRP","VB","NN","."]]
The first text in the sentence should be a verb, it appears that when two of the same words are next to each other
2) The fish shop is small. site: [["DT","NN","NN","VBZ","JJ","."]]
what it should be [["DT","JJ","NN","VBZ","JJ","."]]
fish in this case is an adjective which describes the shop

3

The archer having fired his bow took a bow on the bow of a ship floating in the Bow river. All during that time a computer programing that calculates different types of trajectories required a user to type information about what type of trajectory the arrow will be flying in. Then there was a huge explosion, with the sound of a huge bang, and everything was on fire with people jumping into the into the river. Had this been closer to a city more people would have been injured.

Word	Total Occurrences	Total Tags	Distribution
be	5	3	VB:1 VBD:2 VBN 2
bow	4	3	NN:2 VB:1 NNP:1
type	3	3	VB:1 NNS:1 NN:1

[1]

References

[1] Categorizing and tagging words, 2017. http://www.nltk.org/book/ch05.html.