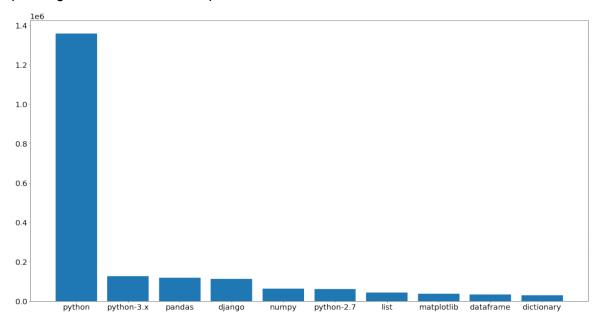
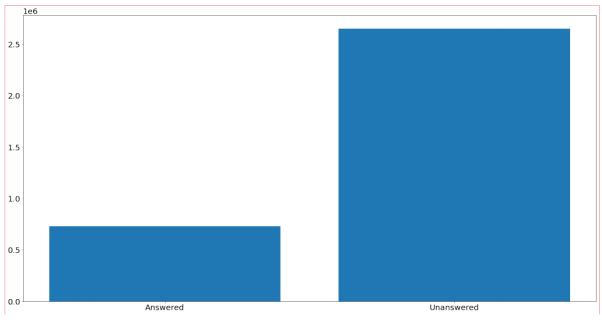
1. Top 10 tags were extracted, and plotted as shown below:



From the plot, it is evident that the frequency of the 'pyhon' tag far exceeds those of the others.

2. The number of posts which had an Accepted answer were 730441, whereas those without an accepted answer were 2650160.



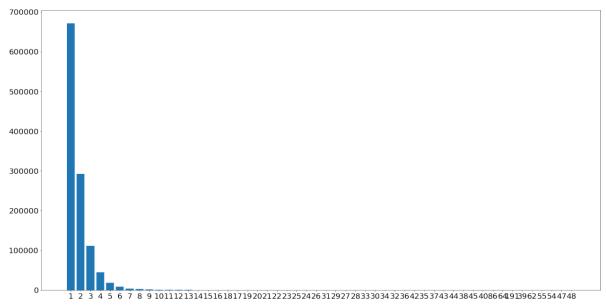
As can be seen from the above plot, the number of questions that have an accepted answer are a lot lesser than the questions which don't have an accepted answer(questions without an accepted answer are 3.628 times the number of questions with an accepted answer)



The above bar graph shows the number of answers on a question. We can see, as before that a very high number of posts which have zero answers, and this number keeps getting half after each value from 1, and after 4 answers, the number gets really small. This shows that most of the posts have 0-4 answers, and number of answers greater than that is rather uncommon. Another interesting observation that we can make is that number of questions with 0 nswers is 2222563, whereas number of questions without accepted answers is 2650160, which indicates that there are 427597 where a proposed answer(s) wasn't accepted.

3.

4.



The above bar graph gives a better visualisation of the questions with an answer, and shows the number of posts with a given answer



The above WordCloud shows the most important words in the title and tags of the posts, and we can mainly see Python related keywords in the above Wordcloud

5.

6. The observation that I made was that every post was realted to Python in the dataset, and thus the parameter behind the subsampling probably was taking the Python related posts.