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What did you use to get your highest accuracy, META or something else?

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Rick Zhang [Signature Track] · 2 days ago 🔗

Hi Classmates,

It is approaching to the end of this class, we are probably just waiting for the grades to come up. Forum's been quiet.

Just to stir it up a bit. Did you use META to get to the highest score, or R? or Python, or other tools?

Personal experience, I used both META and R with a few text related package. They both got me to about the similar level of accuracy, and brought me to the leader's board, up to the rank I deserved considering the amount of work I put in. Except, for META, I was more working on getting it to work, figuring out how to use it etc, and for R, although I'm still very new, I was able to go straight to spend time implementing the algorithms, using included functions to get to the result.

No disrespect to META toolkit, after all, there are millions of contributors in the world trying to get the R language better.

And NO, I did not have time to use MS Excel to implement this time... New project at work started, a simple "Boss Button" won't cover my a** now...

Good competition, all !
Rick

⬆ 0 ⬇ · flag

David Hood COMMUNITY TA · a day ago 🔗

R. Using the tm package as an all in one for a start, then making making own changes and alterations. By the end I had actually gotten rid of tm in favour of my own code as I didn't need the structure any more (dpylr and snowballC were used).

Without getting too specific about things (incase the assignment is reused), almost all my time was spent on analysing the raw data and various forms of cleanup and modification, very little time went into prediction models.

⬆ 0 ⬇ · flag

+ Comment

Hema Tanikella [Signature Track] · a day ago %

^ I found that tinkering with the prediction models really didn't yield any benefits. Should have spent more time with the raw data like you did. Finally, whatever improvements in accuracy I achieved was due to analysis of raw data.

⬆ 0 ⬇ · flag

+ Comment

Hema Tanikella [Signature Track] · 20 hours ago %

Hope this is the right place but if I have to redo this assignment in R, can you please point out how I can go about it. I only need pointers in terms of loading data(from MeTA), required packages and such.

Thanks!

⬆ 0 ⬇ · flag

David Hood COMMUNITY TA · 12 hours ago %

Keeping in mind that it was only step 4 you could submit using non-meta options, all the data for all parts is in the assignment download in the assignment instructions. There are no required packages, as you are implementing your own solutions, but it is common for people starting doing text analysis to use the tm package.

⬆ 0 ⬇ · flag

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Anonymous · 14 hours ago %

I got a score of 68% (at the time, this was pretty good). I used MeTA with the following configuration:
- logistic regression
- unigram, bigram, and trigram word features (more than trigrams was not helpful)
- no stemming
- feature selection using mutual information

⬆ **1** ⬇ · flag

+ Comment

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