Assigment 2

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0. Read input

[1] "Xanax was her death blow. \\\xc2\\\xa0That stuff is totally dangerous because you
[2] "you are both morons and that is never happening"

[3] "you are just an idiot blabbermouth that is gonna get stopped HARD one day! You W

1. Cleaning data

Remove punctuation and stopwords

```
train$text_a = as.character(train$text_a)
train$text_a = tm::removePunctuation(train$text_a)
train$text_a = tm::removeWords(x = train$text_a, stopwords(kind = "SMART"))
train$text_a = tm::stripWhitespace(train$text_a)
train$text_a[1:3]
```

- ## [1] "Xanax death blow xc2xa0That stuff totally dangerous build tolerance quickly stop abruptly xc2xa ## [2] " morons happening"
- ## [3] " idiot blabbermouth gonna stopped HARD day You WILL NOT saved"

Anonymize proper nouns

[2] " morons happening"

Remove unknown symbols (non UTF-8 characters)

```
train$text_a = str_replace_all(train$text_a, "[^[:alnum:],[:blank:]/\\-]", "")
train$text_a[1:3]
```

- ## [1] "Xanax death blow xc2xaOThat stuff totally dangerous build tolerance quickly stop abruptly xc2xa
- ## [3] " idiot blabbermouth gonna stopped HARD day You WILL NOT saved"

2. Exploration

Plot the frequency of words