

## **Assignment III**

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### **Can we identify the author through the Zipf plot of the book ?**

Yes. It could be possible to some extent.

How? If we consider the authors like Shakespher, Chatan Bhagat and J.K Rowlings, the vocabulary that each of these authors use vary significantly in their frequency and there will also be a lot of non-common words with moderatly-high frequency that could be just enough to classify the text or a book into their authors. Similar kind of pattern could be found for doing the topic-classification.