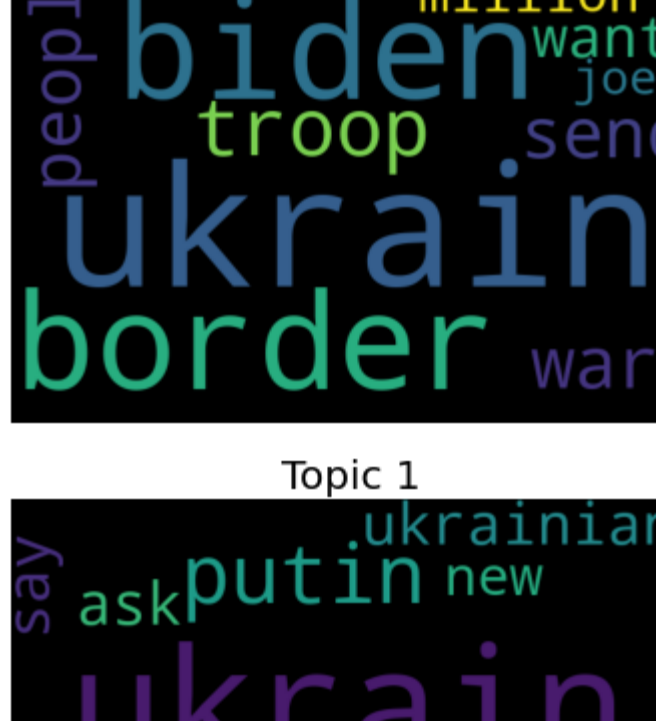






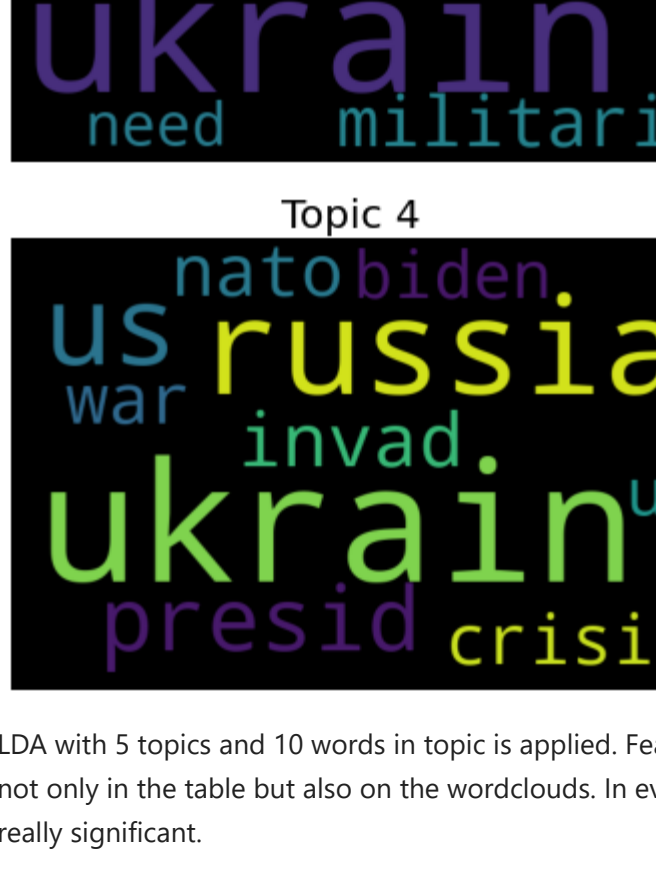
Topic 0



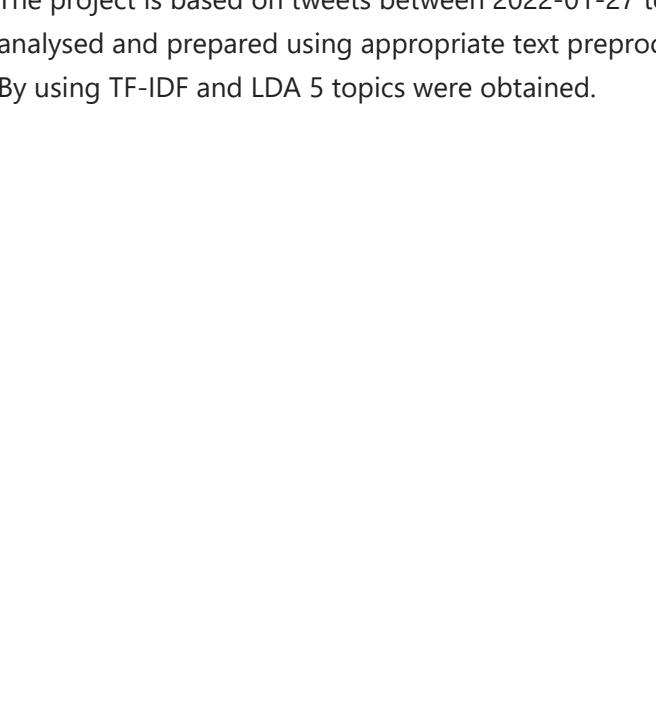
Topic 1



Topic 2



Topic 3



Topic 4



LDA with 5 topics and 10 words in topic is applied. Features for LDA are obtained using TF-IDF. Hidden topics achieved by LDA are shown not only in the table but also on the wordclouds. In every topic "ukrain" has the highest weight, but words like "russia" or "biden" are also really significant.

## Summary

The project is based on tweets between 2022-01-27 to 2022-02-04 about Ukraine collected by using Twitter's REST API. 768 tweets are analysed and prepared using appropriate text preprocessing techniques for further modelling. Cleaned tweets are used in topic modelling. By using TF-IDF and LDA 5 topics were obtained.