

XCS224N BERT Lab (Ungraded)

This ungraded exercise consists of two [Google Colab](#) Notebooks which are shared via Google Drive and executed using. The first notebook, titled “BERT - The Basics”, gives a detailed explanation of BERT’s architecture and demonstrates how to use pre-trained BERT models on real text data. The second notebook, titled “BERT - Sentiment Analysis”, gives an end-to-end treatment of fine-tuning BERT on a multi-label classification task. This second notebook is comparable to the initial steps one would take when completing a final project for Stanford’s graduate CS224N course. The end of the notebook suggests a number of areas for further research. Exploration of a few of these areas would make the notebook on par with a full CS224N project. There are no points assigned for this exercise.

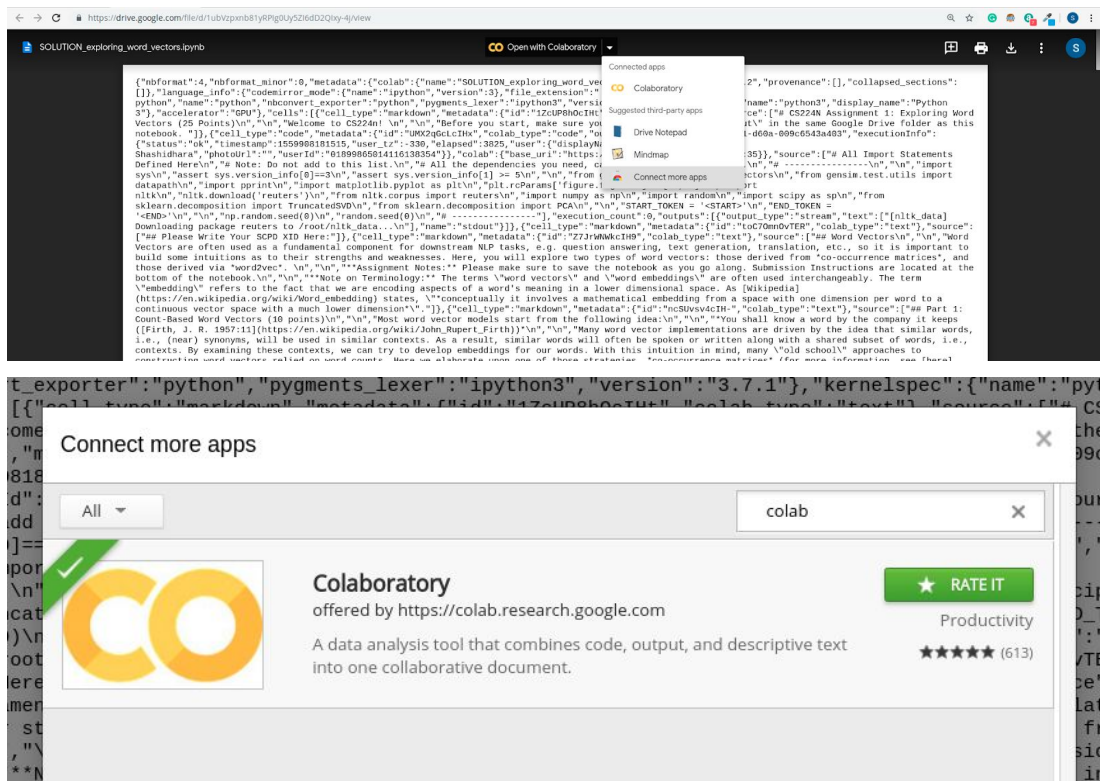
Links:

[BERT - The Basics](#)

[BERT - Sentiment Analysis](#)

Creating a Copy of the Notebooks and Opening via Google Colab

1. Access the Python Notebooks from Google Drive
2. Click on “Open with > Connect more apps > Colaboratory”. You may have to search for Colaboratory.



3. In the menu, go to “File > Save a copy in Drive...”. You will then be able to see a copy of the notebook in a folder named “Colab Notebooks” inside your Google Drive

4. You can go to <https://colab.research.google.com> and view a list of your Python Notebooks including the one you created in Step 3.

Submission

There is no submission or grading for this lab.