# NEXT WORD PREDICTOR

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## Goals:

1. Find and identify the next most suitable word.
2. Try to provide the recommendations of the words which provide the meaning to the sentence.

## Objectives:

1. To reduce the amount of time in typing the whole sentence.
2. To adapt and learn the usage of words in the sentence which will be helpful in future.

## Motivation:

1. In many smart-phones, gmail, other services to communicate; the interface provides the suggestions of the next few words to be used.

## References:

1. https://www.itm-conferences.org/articles/itmconf/pdf/2021/05/itmconf_icacc2021_03034.pdf
2. https://towardsai.net/p/nlp/how-do-language-models-predict-the-next-word
3. https://blog.jovian.ai/next-word-prediction-using-bert-388bf48f38f

Here, we would like to try and predict the next word to be used in the sentence by providing some recommended words and constantly learning from the user behavior. This will be like a predicting algorithm which will be tested on the real time function, by testing it thoroughly and learning even from the real time.

**GITHUB Link:** https://github.com/Mohan-35/Project