**Project: Hate Speech Detection**

**Project description:**

Build a model that identifies and detects hateful and offensive speech being poured on the internet. Social media is a place for many people to make hateful and offensive.

comments about others. So, hate speech detection has become an important solution to problems in today's online world.

Follow the below-mentioned steps,

1. Understand the data

2. Import the required libraries

3. Preprocess the data

4. Split the data

5. Build the model

6. Evaluate the results

The dataset consists of Twitter hate-speech detection data, used to research hate-speech detection. The text in the data is classified as hate speech, offensive language, and neither.

<https://docs.google.com/spreadsheets/d/1PcwDs_3272I5eRdIiLuYRTCTfinev_apf_Uco-c6uBY/edit?usp=sharing>

**Expected output:**

The user will be asked to enter some text, on which the model should predict if the text is what kind of hate speech it is.

*Enter a Text: good morning.*

*['No Hate and Offensive']*

**Evaluation Scheme:**

**Total marks:** **100**

**Deliverables [Total marks - 95]:**

1. Loading the data into python 🡪 10 marks
2. Performing NLP tasks for processing the text data 🡪 30 marks
3. Creating the vector representation of the text data 🡪 20 marks
4. Training a classification model 🡪 20 marks
5. Making the correct predictions for the new text input to the model. 🡪 15 marks

**Project Submission [Total marks - 5]:**

1. Once the project has been created, upload all the files on GitHub & commit (save) all the changes, make sure you add a readme file containing detailed description of your thoughts during the project creation. **[3 marks]**
2. Once done, kindly copy the GitHub link of your project & submit the same using your dashboard. **[2 mark]**