Machine Learning Engineer Course

Project 2
(Jigsaw Unintended Bias in Toxicity Classification)

About the project:

You will be participating in a Kaggle competition [competition link]. The original competition is over. But you can still participate, submit your output and get the score/rank.

There is no mark or something assigned to this.

However, individuals obtaining higher score will be given opportunity to showcase/demonstrate their project in a 5min presentation (*no need to make slides*, just explain the notebook/report/code that you have done). If you are able to do quality work, then you can add this project in your CV or showcase in any interview.

Instructions:

1. You have to train a machine learning model based on the provided data of that competition. Read the description of the competition carefully.
   You are not limited to use/follow any methods or algorithms. The more analysis you show the better. You can try to explain "**why**" you are picking a certain method. Ex: suppose if you are using *StandardScaler* then mention 'why' you have chosen that.

2. Submit your output (on testing data) at Kaggle. Kaggle portal will evaluate the output and generate a **score**. You have to submit this **score** in a google form at **step 5**.

3. Write a report containing **Abstract**, **Methodology**, **Result Analysis** and **Conclusion**.
   (Not more than 3 pages). Try to be as **concise** as possible. In case of referring something, you can use **footnote** for that.

4. Create a GitHub Repository of your project. Your repository should have the following files:

a. [file] **report.pdf** – containing the report/description of your project
b. [file] **your-project-name.ipynb** : The notebook file of your project
c. [file(s)] ***.py** : in case if you need to create additional python file.
d. [file] **readme.md** – containing the description of your project (**check additional material below**)
e. [dir] **attachment** (optional): if you have additional files. Ie: chats, saved model file etc

5. Fill up this google form with necessary inputs [score, github link of project etc].
   a. Google email authentication is required.
   b. One person can make **only one response**.
   c. However, you can always **update/edit** your response till the deadline
   d. You can check the leaderboard of this project at this link.
   e. **Submission Deadline**: 25-June-2021 11:59pm

Additional materials:

- Follow the format provided at this link on **How to write a readme file**

Good Luck !