Yashraj Parmar

Data Glacier

16 June 2025

## Week 11: Deliverables

## 1) Information:

a) Group Name: NLP Sentinels

b) Name: Yashraj Parmar

c) Email: <u>vparmar2024@gmail.com</u>

d) Country: United States of America

e) College: Stevens Institute of Technology

f) Specialization: Natural Language Processing

g) Internship Batch: LISUM44

## 2) Problem Description:

a) Social media platforms deploy hate speech detection systems to identify and filter content that may cause online harm, including cyberbullying. However, these systems are not flawless, and some harmful content can still bypass them. This project focuses on developing a machine learning model that utilizes natural language processing (NLP) techniques to effectively assess and classify the level of hate speech within a text.

## 3) Exploratory Data Analysis Presentation:

a) Powerpoint Link