
DATA SCIENCE INTERN AT DATA GLACIER

WEEK 4: DEPLOYMENT ON FLASK

Name: Shubh Goyal

Batch Code: LISUM20

Date: May 16, 2023

Submitted to: Data Glacier

Table Of Content

1. Project plan
2. Project statement

PROJECT PLAN

| WEEKS | DATE | PLAN |
|---------|--------------|---|
| Week 7 | May 19, 2023 | Problem Statement, Data Collection, Data Report |
| Week 8 | | Data Preprocessing |
| Week 9 | | Feature Extraction |
| Week 10 | | Building the Model |
| Week 11 | | Model Result Evaluation |
| Week 12 | | Flask Development + Heroku |
| Week 13 | | Final Submission (Report + Code + Presentation) |

PROJECT STATEMENT

Hate speech is defined as any type of verbal, written, or behavioral communication that attacks or uses derogatory or discriminatory language against a person or group because of who they are, such as their religion, ethnicity, nationality, race, color, ancestry, sex, or another identity factor. We will walk you through a hate speech detection model using Machine Learning and Python in this challenge.

Hate Speech Detection is often a sentiment classification problem. So, for training, a model that can classify hate speech from a specific piece of text may be produced by training it on sentiment classification data. As a result, we will employ Twitter tweets for the purpose of hate speech identification model.