

ADL PROJECT PROPOSAL.

UNI: Amogh Mishra (am5323), Pritam Biswas (pb2796)

Outline: The large fraction of hate speech and other offensive and objectionable content online poses a huge challenge to societies. Offensive language such as insulting, hurtful, derogatory or obscene content directed from one person to another person and open for others undermines objective discussions. Such type of language can be more increasingly found on the web and can lead to the radicalization of debates. Online communities, social media enterprises and technology companies have been investing heavily in technology and processes to identify offensive language in order to prevent abusive behavior in social media.

Minimal goal: To build a hate speech detection model on English Language.

Expected goal: To enhance the model to ingest multilingual data and work on Hindi Language.

Stretch goal: Improve the inference time to make it real-time and deploy it as starting from Flask service to Chrome extension whichever is feasible.