**Ethan’s Group**

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**Hate Speech Detection**

Twitter has embarked on a critical mission to enhance its platform's safety and user experience by developing a robust hate speech detection algorithm. This new model will harness the power of machine learning, specifically implemented in Python, to effectively identify and combat hate speech within tweets.

**Company Objective**

Twitter wants to ensure a welcoming and friendly user environment, where individuals can freely express themselves while respecting the diversity of perspectives. Twitter is committed to implementing proactive measures to reduce toxicity, harassment, and misinformation. Twitter strives to create a space where healthy and constructive conversations thrive. This new model will ensure that every Twitter user feels safe, valued, and empowered to engage with others in a positive and respectful manner.

**Plan of Action**

This project will first require a subset of tweets – some including hate speech. I will then train a model using Scikit-Learn to classify particular tweets as hateful. After constructing an optimal machine learning model, I will showcase the efficacy of its hate speech detection. This project will be completed by November 30th, 2023.

**Data Intake Report**

https://github.com/ethanfeiza/Tweet/blob/c359527a9cfce3955de4ad9252be4831b0ef3a3f/Data/Data%20Intake%20Report\_VI.docx

**GitHub Repository**

https://github.com/ethanfeiza/Tweet-Detection.git