**CS 383-Fall 2022**

**MSCS3045-Fall22**

**Final project – Proposal**

**Students Name:**

|  |
| --- |
| **Sai Krishna Kandula** |

**Project Title (optional):**

|  |
| --- |
| **Real-time Insights from Social Media Data** |

**Background:**

|  |
| --- |
| Twitter generates hundreds of millions of messages per day, with users from all over the world debating sports, politics, business, and entertainment. In a matter of minutes, you can access thousands of messages passing via this stream. |

|  |
| --- |
| **The aim of your project:**  This project aim is to collect Twitter data and evaluate tweet text, Twitter networks, and tweet geographical origin. This will be done with datasets on technology businesses, data science hashtags, and the 2018 State of the Union speech. This means that we can learn about the global waves of thoughts and moods as they emerge. |

**Methodology (Python tools and functions):**

|  |
| --- |
| You will be able to inform business and political decision-making by identifying the prevalence of key topics, the diversity of discussion networks, and the geographical reach of a topic using these techniques, as the data from Twitter storms is available in near real-time.  **Topics:** Data Manipulation, Data Visualization, Probability & Statistics, Importing & Cleaning Data |