**Work Plan**

Project Name: **Social Media Sentiments Analysis**

Group No.:**3 Group**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Sl. No.** | **Work elements** | | **Status** | **August-2020** | | | | **September-2020** | | | | **October-2020** | | | | **November-2020** | | | | |
|  |  |  | | **Wk1** | **Wk2** | **Wk3** | **Wk**  **4** | **Wk1** | **Wk2** | **Wk**  **3** | **Wk**  **4** | **Wk**  **1** | **Wk2** | **Wk**  **3** | **Wk**  **4** | **Wk**  **1** | **Wk**  **2** | **Wk**  **3** | **Wk**  **4** | |
| 1 | Understanding the problem statement | Planned | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | |
| Actual | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |  | | |
| 2 | Finding , Understand and loading the dataset | Planned | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |  | | |
| Actual | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |  | | |
| 3 | Data Cleaning- removing punctuations, stop words Tokenization and Stemming | Planned | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |  | | |
| Actual | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |  | | |
| 4 | Data visualization – Word Cloud , Pie chart and bar plot | Planned | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |  | | |
| Actual | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |  | | |
| 5 | Feature Extraction – CountVectorizer and TdidfVector | Planned | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |  | | |
| Actual | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |  | | |
| 6 | Buiding model | Planned | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |  | | |
| Actual | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |  | | |
|  | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | |
| 7 | Deploying the Model | Planned | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |  | | |
| Actual | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |  | | |
| 8 | Research Paper | Planned | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |  | | |
| Actual | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |  | | |

Color Scheme: Proposed – Blue;Actual, completed in time – Green; Actual, Ongoing – Yellow;Actual, Not completed - Red