**Lab MST Performa (Disruptive Technologies-1)**

**Section: 22BCB-124 Group: A**

Title of the Project: **Cyberbullying prediction using SVM**

Names and UIDS of group members:

**Ankush Singh (22BCT10002)**

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Problem statement (4 marks):

**Often people are targeted and cyberbullied on social media platforms like Discord, Twitter, Reddit and Instagram. We aim to make a text classifier that classifies tweets from twitter as ‘not\_cyberbullying’ or ‘cyberbullying’ with it’s type – racial, age based, gender based, etc.**

Key Features/Benefits (5 marks):

* **Attempt to prevent Cyberbullying**
* **Text Classification using SVMs (Support Vector Machines)**
* **Dataset used : 46 thousand labeled tweets from twitter**
* **Detect and prevent Racism, Sexism, Religionism, etc**

Software used (1 mark):

* **Python3, Google Colab/Jupyter notebook**
* **Github for code collaboration**
* **Pandas, Numpy, Matplotlib**
* **PyCaret**

Deliverables (2 marks):

Presentation (8 marks):

Total: 20 marks