IDEA 1:
Project title 1 (Descriptive title that captures your idea1)

Has there been a proliferation in hate speech on platforms such as Twitter, Reddit, and YouTube since the coronavirus pandemic lockdown?

What you want to do?

In this project, firstly I will define what hate speech entails on social media platforms. Once that is established, I will analyze how many users engaged in hate speech before and after the lockdown and verify if hate speech proliferation was a by-product of the stay-at-home lockdown imposition. Additionally, I will also do a cross platform analysis to identify whether certain platforms have a higher spread of hate speech content in comparison to the others.

Why should we care?

If we are able to establish a relation between the increase in hate speech and the pandemic lockdown situation, we may be able to understand the negative effect of the lockdown and also understand the reason behind the increase of hate speech during this period. Additionally, we may also understand which platform is more prone to hate speech content so that action can be taken to moderate the content on these sites in future.

Keywords – To mark topic and domain of the idea.

Hate speech detection, Text analysis, NLP

IDEA 2:
Project title 2 (Descriptive title that captures your idea2)

How has performance of students been affected due to education being in a virtual environment during the coronavirus lockdown?

What you want to do?

In this project, I want to analyze the effect of studying in a virtual environment on a student's academic performance study how has the pandemic affected the education system. I would like to analyze the performance of undergraduate and graduate students on the basis of their lecture attendance, participation and grades and see whether studying in a virtual environment has impacted the same.

Why should we care?

This analysis is particularly helpful in identifying whether studying in an online setting has negatively impacted a student's academic performance. If a negative relation is found, then we can uncover the reasons for the same and possibly suggest improvements to the online education system to mitigate this problem in future.

Keywords – To mark topic and domain of the idea.

Covid-19, Data analysis, Education