

IDEA 1:**Project title 1:**

Since the coronavirus pandemic lockdown, has there been a proliferation of hate speech on websites such as Twitter and YouTube?

What you want to do?

Firstly, in this project, I will describe what hate speech on social media platforms necessitates. Once that is known, I will examine how many users before and after the lockdown are engaged in hate speech and verify whether hate speech proliferation was a by-product of the imposition of the stay-at-home lockdown.

In addition, I will also do a cross-platform study to evaluate if, relative to others, some sites have a higher distribution of hate speech content.

Why should we care?

If we can create a connection between the rise in hate speech and the situation of the pandemic lockdown, we will be able to understand the negative impact of the lockdown and also understand the explanation for the rise in hate speech during this time.

In addition, we should also recognize which website is more vulnerable to hate speech content in order to take steps in the future to moderate the content on these platforms.

Keywords:

Natural Language Processing (NLP), Hate speech detection, Text analysis

IDEA 2:**Project title 2:**

Due to education being in a simulated environment during the coronavirus lockdown, how has student success been affected?

What you want to do?

I want to examine in this project the impact of learning in a virtual environment on the academic performance analysis of a student on how the pandemic has influenced the education system. On the basis of their lecture attendance, involvement and grades, I would like to evaluate the success of undergraduate and graduate students and see if learning in a virtual environment has had the same effect.

Why should we care?

This research is especially helpful in assessing whether studying in an online environment has adversely affected the academic performance of a student. If a negative relationship is found, then the explanations for the same may be found and changes to the online education system can be suggested to alleviate this issue in the future.

Keywords:

Data analytics/analysis, Education, Covid-19