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IDEA 1:

Project title 1 (Descriptive title that captures your idea1)

Self-Moderation of Instagram Business Accounts

What you want to do?

In the days of social media platforms, commenting sexual, hateful and offensive comments on a user's post whose opinion does not seem to match yours, is very common. These comments are mainly targeted to shake a user's confidence and discredit their opinion. Often, I have observed comments on Instagram which are sexual, demeaning, hateful, offensive, and threatening in nature. These types of comments are often observed on posts of famous personalities like actors, news anchors, politicians etc. I would like to see how many hateful, sexual, and offensive comments are present on a popular post. This project would involve using Instagram APIs, text analytics and sentimental analysis.

Why should we care?

The project is worthy because it can provide self-moderation on the posts. Normally, Instagram moderates a post if it violates its community guidelines. But It does not consider the comments that are posted. This would allow people to self-moderate their posts and comments. People would be able to delete the comments as well. However, all of this might not be available to the users which are not termed as Instagram Professionals. The functionality to delete and reply to comments is available via the Instagram Graph API – which is for Instagram Professionals. This would also to identify and block accounts posting hateful comments on their posts. Moreover, we can one step further and try to identify intent and affiliations of such accounts.

Keywords –

Instagram, Instagram Graph API, Social good, moderation, hate-speech, intention, Online Communities.

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

YouTube Content Evaluator

What you want to do?

Everyday, around 720,000 hours of video is uploaded on YouTube. People upload speeches, educational content, vlogs, share their experiences etc. The goal and objective of my project is to analyze one section of the videos – educational. We have seen how channels like Khan Academy, Numberphile, SciShow, MIT Open courseware etc. providing quality content to students and people. They help students learn, who might not be able to afford schools. However, on the flipside, there are also channels which upload educational videos without sufficient knowledge and information about the content or domain. This leads to the spread of fake knowledge and facts. Young people are the epicenter of this attack and are vulnerable to them. I hope to build a metric which would rating based on the authenticity of the content provided in their videos. The metric would incorporate number of likes, dislikes, comments, channel followers, number of times video shared, number of times video viewed, and sentiment in the comments.

Why should we care?

I believe that if this project is successful, it will help to achieve two things:

1. It would weed out channels and creators who create videos without gaining proper information and knowledge. They misinform the public, provide incorrect information and content. Moreover, if young students gain such knowledge, it hard to forget and learn something new. Hence, the building blocks for young students should be correct, clear, and well-informed.
2. It would also help to boost views, shares, and likes of Channels which provide quality content (like Khan Academy). This would help boost confidence for these creators to provide more knowledge and informational content online for people who cannot afford to attend school or college.

Keywords –

Educational Content, YouTube, YouTube API, Sentimental Analysis, Statistical analysis, Misinformation