

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

Your response

Does deeply engaged members of certain community become narrow-minded?

What you want to do?

Your response. Longer response that provides a bit more description than what's in the title.

NOTE: Focus on the problem that you are trying to solve. Think in terms of driving research questions (RQs). You don't have to focus on methods at this stage. For e.g., your answer should not start with.. "Using sentiment analysis, I would do this...", "I wish to use unsupervised learning methodology for this task"

Select communities in reddit

Identify deeply-engaged members

Compare patterns of users that stay in similar groups and users that engaged in communities focus on different topics.

Explore the sentiment analysis and polarity score of their posts based on the time series.

Find any differences on the time scale.

Why should we care?

Your response. Provide a motivation of why this project is worth pursuing? That is, if you are successful, what difference will it make?

I've seen many people focus on monotonous topics and they tend to block other voices as they are immersed in their own world. Although I support people stick to their own standpoint, I still think they should be exposed to other opinions and other interests to expand their horizon. I hope this could help to develop some recommender that help people become open-minded and also motivate users to become more active on the social media platform.

Keywords – To mark topic and domain of the idea.

Your response. Comma separated keywords

Polarity, content analysis, reddit, communities, narrow-minded, open-minded

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

Your response

Depression Detect

What you want to do?

Your response. Longer response that provides a bit more description that what you have in the title

Sentiment analysis or other features we can find to identify the depression level of the users to prevent suicide and recommend feeds to the users of different depression levels.

Why should we care?

Your response. Provide a motivation of why this project is worth pursuing? That is, if you are successful, what difference will it make?

I found concern about people's mental health since we pick up quarantine as the new lifestyle. We may also observe a different user pattern before and after the outbreak of COVID.

Keywords – To mark topic and domain of the idea.

Your response. Comma separated keywords

Sentiment analysis, depression, COVID