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

*Your response*
*Fake news detection in presidential elections using Sentiment Analysis*

**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"*

I wish to be able to identify misinformation in events like presidential elections and politics. There are a lot of types of analysis that can be performed on such a data source to predict misinformation. I wish to be able to identify the features which can help detect misinformation. Apart from sentiment analysis there could be various other methods which can categorize a particular news like graph analysis. It would be interesting to explore those methods as well.

**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?*

*Fake News is a major problem for most social media networks and all over the world. It is responsible for the destruction of societies, property and many other entities. It is important to be able to identify fake news which would create havoc if not limited in its nascent stages. If Fake news is identified in social media for example, its spread can be curbed by either blocking the user, deleting the post or information shared and red flagging it.*

**Keywords** – To mark topic and domain of the idea.
*Your response. Comma separated keywords*
Fake news, sentiment analysis, presidential elections, polls, graph, social media

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

*Your response*
*Spread of hateful and offensive content in social media*

**What you want to do?**

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

*To be able to analyse hateful content and offensive content in social media. Many machine learning techniques can be applied for accurate categorization of hate speech. Some examples are CNN, Deep learning and NLP. I want to be able to classify this as well as identify the targeting characteristics which define them.*

**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?*

*Hate speech has been broken so many communities and has been shown to spread faster than non hateful speech. There is a need for effective countermeasures to curb this and discourage such hateful content. Like the above idea,  If hate speech and offensive content is identified in social media for example, its spread can be curbed by either blocking the user, deleting the post or information shared and red flagging it.*

**Keywords** – To mark topic and domain of the idea.
*Your response. Comma separated keywords*
*Hateful speech , offensive content, deep learning, CNN, Classification, propagation*