**Discussion: Share Your Project Proposal**

Discuss your project proposal. How did you arrive at this idea? Why is this a significant idea? Please keep your response to 500 words or less.

Feel free to record a 2–3 minute video describing your proposal instead of a written response, if you wish.

Reply to at least two peers.

Hello Every one, Hope you are doing great...!! Please share your thoughts on my below Content Analysis for Social Network data project. Your replies will be much appreciated.

**Project**: Extract & Convert Social Network (Twitter) content for sentiment analysis

**Project Idea**: Understand the Social Network (Twitter, Facebook) and web scrap text information to do sentiment analysis of topics/tweets by following all privacy, regulatory & access policies. Twitter network analysis to identify their networks as part of exploratory analytics. Web scrap information from top tweets & topics from Twitter site and convert to numbers as part of Data wrangling. Classify tweets/hashtags using Machine Learning Models. Do sentiment analysis of Tweets/Topics and present extracted insights to corresponding organization.

**How and Why this project Significant**: Now a days each and every one using Social Media for News, follow Trends and share their feelings and get in touch with their friends & family/Employers/Learning. Social media can create impacts on every organization if management is not up to date on latest trends/news. If we can understand how these social network works and can read & extract useful information, then we can predict how it will impact our organization by doing sentiment analysis on Tweets/topics. In this project, data extraction process is critical, ethical, private. So data restricted to twitter for now. I will understand twitter network structure, classify twitter hashtags, topics using content analysis techniques and extract useful information to identify top topics, tweets and relate to organization using machine learning models and do sentiment analysis on tweets/topics to provide management to take decisions.

In future, I want to extend this project to use MassMine framework and integrate all social networks data include image & videos analysis to predict impacts on organization and take preventive actions.