What is your final year project topic ?

Twitter Sentiment Analysis using machine learning with python.

What is the role of you in project work ?

We have devided our total project work into 3 different parts. They are project report preparation, presentation preparation and code writing. I and one of my group members are in presenatation preparation section.

Which approaches are you following to complete the project ?

We are analysing the twitter text. At first we take the dataset that is downloaded from kaggle. This text data contain somethings that is not necessary for sentiment analysis like hashtags, urls and etc.
So, we have cleaned the texts. After cleaning the text we calculate the subjectivity and polarity of the texts by using textblob package. On the basis of polarity we calculate the negative, positive and neutral text. At last we plot a bar graph to visualize the result.

What difficulties you have faced in the project and how did you overcome ?

At first we performed our project on our system by using jupyter notebook. But the system was getting hanged due to system low configuration. Then we choosed google colab that contains cloud services and that helps us to perform the project in a better and faster way.

How the project will be benefited for our company ? Or Why re you doing this project ?

Every company has some products or services. In social media there can be lots of posts and comments about those products or services. By analysing those comments and posts we can get feedback from the user that will be helpful for the company. By this analysis result, the company can improve the quality of their products or services.

What have you learned from this projects ?

From this project I have learned that if we divide the huge amount of task into different parts and different members then it will be very easy to complete the task. We have also learned about machine learning modules in python.

What is the next plan about this project ?

At this time we are working with downloaded dataset. Next , we want to analysis real time twitter text by using API. Now we are doing the project on google colab but next we want to create an web application of this project by using Streamlit.