Title: Visualize user emotional style via tweets

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Introduction:

    It's a system which visualizes the emotional level of tweets on a given period based on given user. Given a user name, the tweets regarding to the user are used to feed to the model to fetch the Plutchik model and VAD model results for each tweet. This value is used to plot various charts to view the emotional status. Will explain in few sentences about type of charts created.

Explanation of the solution:

    Will explain about how the tweets fetched, how the emotional values of the tweets were calculated. How the points where used to plot the graph. Explaining all the charts and its uses. Visually explaining how the interaction between all charts works. Explaining all the options available in the system.

Description result:

    Stacked area chart explains about the emotional values from the models. Shows how the results helps in understanding the emotion of user on a specific period time. Explaining about other charts and its interaction.

Contribution to the project:

    Worked on getting tweets on the user names in the given range. Used to find sentimental analysis on tweets. Currently working on getting emotional values of tweets from the Plutchik and VAD models. To work on building charts with the results.

New skills:

    Learning more about python by working with tweets and emotional values calculation, d3.js and related web development works.

<u>PROJECT SYSTEM</u>
PEARL - An Interactive Visual Analytic Tool for Understanding Personal Emotion Style Derived from Social Media

TEAM MEMBERS
1) Sanika Shah
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