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Person Evaluation with Social Mining

Good Morning Everyone. Assalawalikum..Our Project is about Person Evaluation with social mining. Our Project Supervisor is Prof.... And This Project is developed by me Mahmudul hasan and my partner

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LAYOUTS

In this project presentation we will go through these topics.....

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Objectives

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ABOUT SENTIMENT ANALYSIS

Now you might ask what is sentiment analysis?

PROJECT WORKFLOW

Take a look at our project workflow....

1. Our main function calls login_check module which uses two threads with _gmail_as_input and plotting_of_data.
2. With _gmail_as_input uses sentiment_mod module which finds out the sentiment value of gmail
3. Sentiment_mod module calls classifiers_pickle
4. Classifiers_pickle contains classifiers and saves the result model for faster computation.
5. Classifiers_pickle calls two functions classification class and feature_collect
6. And lastly feature_collect module provides bag..... Functionalities.

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UNDER THE HOOD

Let's go deep into our project and see what is going under the hood.

We divided our project into 3 phases.

Phase 1

Phase 2 >>>

Phase 3 >>>>

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GETTING REQUIRED DATA

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GETTING REQUIRED DATA

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GETTING HIGH PRECISION WORDS

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Fetching Data from Gmail

Thanks to my partner. I am Ishrak Islam Zarif.

Assalamuwalikum. As my partner already described the how to get data. Let me get to the point how to fetching data from gmail.....

FEATURE DETECTION

Now see how we detect the features....

By using “Bag_of_words” and “Bag_of_words_in_set” models we can extract features from our dataset. Examples are given below:

Suppose a sentence is “The quick brown fox”

Then the result of bag of words will be a word dictionary where each words value is true. Which means that our corpus contains these words.

In “bag of words in set” function we used 2 parameters corpus and high information words which extracts high info words from the corpus and returns a dictionary.

From the figure we can see that “The quick brown fox” is our corpus and “fox” is our high info word which results in “fox” and its value is true.

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TRAINING AND TEST SET

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CALCULATING PREDICTIVE MODEL

INPUT FIELD

Now take a look at our user interface.

Our user interface contains

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OUTPUT IN LIVE PLOT

Lets take a look at our live plot.

The rising curve means that positive value and the falling curve means that negative value of mail.

OUTPUT IN PIE-CHART

We used pie-chart to show the outcome of our project.

We used demo mail which contains 6 positive and 5 negative mails.

OUR PROJECT

Now take a look at the overall view of our project.

Input field,

Output in live plot and

Output in pie-chart.

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REQUIRED PLATFORM AND TOOLS

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LIMITATIONS

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FUTURE PLAN

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**THANKS TO ALL
FOR BEING WITH US**