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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?

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**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 sentimod\_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…….

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**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**

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**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.

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**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.

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**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**