OUR COMPANY

Wabra, provides you with the best and most straightforward way to analyze your chat analytically or by sentiment analysis.
It helps you to find the feelings your chat partners are feeling.

You can visit our project:
Website | **GitHub** | **Video**

TABLE OF **CONTENTS**

01
THE PROJECT
Wabra Chat Analyzer

02
LIBRARIES
Listing all the libraries of python we used.

03
FEATURE LIST
Listing all the features our site provide.

04
MARKET STRATEGY & BUDGET
Describing about the budget we need to make our project more efficient.

05
MAJOR AREAS
Steps + Problem Statement + Challenges Faced + Target Audience

06
OUR TEAM
Team Members

WHAT WE ARE WORKING ON

MACHINE LEARNING

Machine learning algorithms build a model based on sample data, known as training data, in order to make predictions or decisions without being explicitly programmed to do so.

DATA VISUALIZATION

The process of finding trends and correlations in our data by representing it pictorially is called **Data Visualization**. To perform data visualization in python, we can use various python data visualization modules such as Matplotlib, Seaborn, etc

SENTIMENTAL ANALYSIS

Sentiment analysis (or opinion mining) is a natural language processing (NLP) technique used to determine whether data is positive, negative or neutral. Sentiment analysis is often performed on textual data to help businesses monitor brand and product sentiment in customer feedback, and understand customer needs.

ABOUT THE PROJECT

Wabra Chat Analyzer is an AI software solution to help organizations measure both sentiment and engagement on their chat platforms. This software takes text-based chat conversation data and finds out an individual's emotions toward a particular topic. It also allows users to identify common words used, the frequency of conversation, and how active the person was in the conversation. This chat analyzer can be utilized for different purposes including customer service, employee satisfaction, better decision-making, and market planning. It helps businesses to gain insight from their customers by identifying their interests and feelings towards certain topics. With this data, companies can make better business decisions by understanding the customers' needs more effectively.

USED LIBRARIES

PANDAS	Pandas is a fast, powerful, flexible and easy to use open source data analysis and manipulation tool
MATPLOTLIB	Matplotlib is a comprehensive library for creating static, animated, and interactive visualizations
EMOJI	This Library is used to incorporate and use emoji in python file.
STREAMLIT	Streamlit is an open-source app framework for Machine Learning and Data Science teams. Create beautiful web apps in minutes.
SEABORN	Seaborn provides a high-level interface for drawing attractive and informative statistical graphics.
URLEXTRACT	URLExtract is python class for collecting (extracting) URLs from given text based on locating TLD
WORDCLOUD	Word Cloud is a data visualization technique used for representing text data by the size of text.
RE	A RegEx, or Regular Expression, is a sequence of characters that forms a search pattern.

MAJOR REQUIREMENTS (FOR DEVELOPERS)

PYTHON

Python is a high-level, general-purpose programming language. Its design philosophy emphasizes code readability with the use of significant indentation.!

MACHINE LEARNING

Machine learning algorithms build a model based on sample data, known as training data, in order to make predictions or decisions without being explicitly programmed to do so.

WABRA CHAT ANALYZER!

What are the features it provides you:

- Advanced Data Visualization
- Activity Tracking
- Sentimental Analysis

And the most important thing: Its all **Free** and **Working**
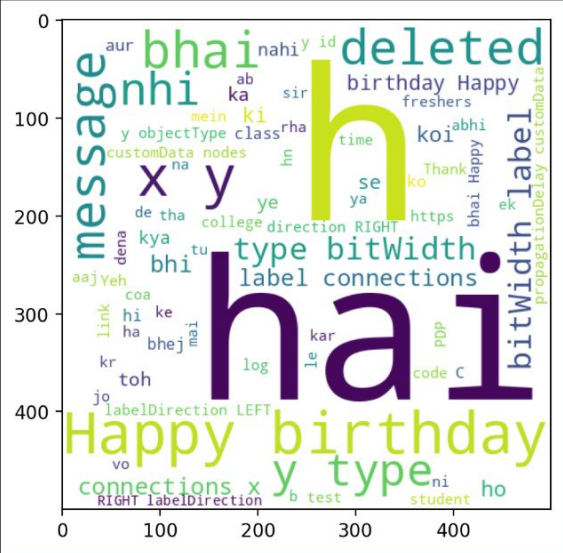
DATA VISUALIZATION
SENTIMENTAL ANALYSIS

Top Statistics

Total Messages	Total Words	Media Shared	Links Shared
2487	10911	637	57

Most Busy Users

	Name	Percentage
0	Aruj Bansal	9.2900
1	Harsh Akg	7.2400
2	Kartikey Tandon Akg	6.7100
3	Dhruv Cs Akg	5.6300
4	Khushi Khurana Akg	5.1900
5	Gracy Gupta Akg	4.6600
6	Mudit Akg	4.0600
7	group_notification	3.8600
8	+91 70073 61341	3.7800

WABRA

Chat Analyzer

Choose a File

Drag and drop file here
Limit 200MB per file

Browse files

WhatsApp Chat with Cs-1 U... ✕
176.7KB

Show Analysis of:

Overall

Show Analysis

FEATURES LIST

- Total Messages Sent
- Media and Link Shared
- Most Busy Users
- Most Common Word Cloud
- Most Common Words
- Emoji Analysis
- Daily Timeline
- Monthly Timeline
- Activity Map
- Most Busy Month
- Most Busy Day
- Weekly Activity Map + Heatmap
- Sentimental Analysis
- etc.

MARKET STRATEGY AND BUDGET

60,000

25K
API

We want some paid API's to make our site more accurate and efficient.

30K
AWS

We want Amazon Web Services so that we can create a efficient environment.

5K
MISCELLANEOUS

Other than these we want hosting and other budgets.

PROJECT GOALS

GOAL 1
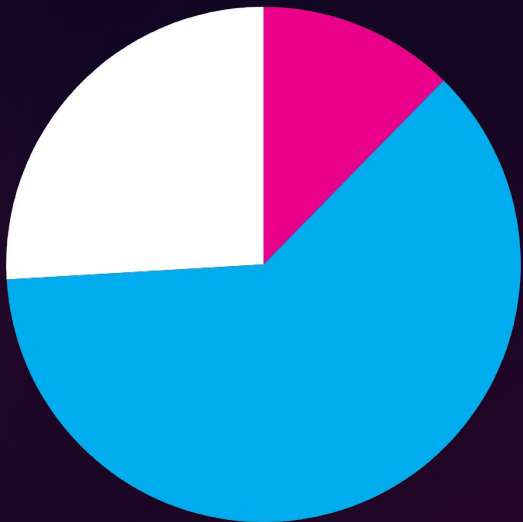
Our goal is to make it easy to find people's feeling based on text messages.

GOAL 2

We want to make it easy for the corporations and people found out about the insider analytics.

GOAL 3

Our aim is to digitalize the manual process of finding the right person.

GOAL 4

Make Wabra the India's first sentimental analytic website.

PREDICTED RESULTS

DATA VISUALISATION 65%

Our current percentage of data visualization is the highest.
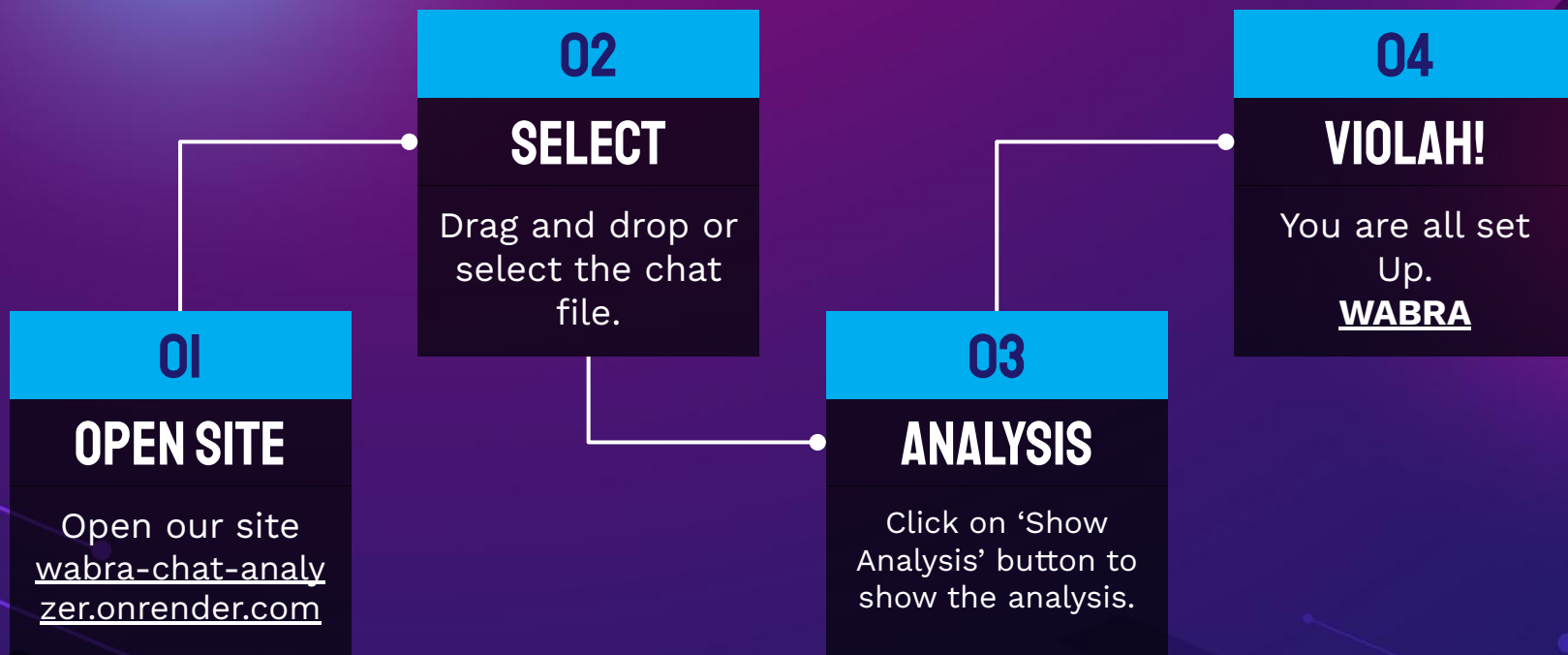
SENTIMENTAL ANALYSIS 25%

The sentiments we show will be near about 25%.

MISCELLANEOUS 10%

These are the other stats we will show.

STEPS TO USE

02
SELECT
Drag and drop or select the chat file.

04
VIOLAH!
You are all set Up.
WABRA

01
OPEN SITE
Open our site wabra-chat-analyzer.onrender.com

03
ANALYSIS
Click on 'Show Analysis' button to show the analysis.

PROBLEM STATEMENT

Chat Analyzer is an AI software solution to help organizations measure both sentiment and engagement on their chat platforms. This software takes text-based chat conversation data and finds out an individual's emotions toward a particular topic. It also allows users to identify common words used, the frequency of conversation, and how much the active person was in the conversation.

This chat analyzer can be utilized for different purposes including customer service, employee satisfaction, better decision-making, and market planning. It helps businesses to gain insight from their customers by identifying their interests and feelings towards certain topics. With this data, companies can make better business decisions by understanding the customers' needs more effectively.

REVENUE MODEL

- We will use Google Adsense to generate revenue.
- We will make a subscription model for businesses for advanced analysis.
- We will also create a freemium model to retain our customers.

TARGET AUDIENCE

Our target audience are both businesses and customer.
We provide a business dashboard for the businesses that will help them to analyze their personal records and data.
And for customers we will provide the analyzer which will also help them to find the sentiments of the people.

CHALLENGES FACED

Building Chat Analyzer was a challenging task. One of the bugs we initially ran into was related to data visualization. By creating the logic to display the data in an intuitive and comprehensive way, we were able to resolve that issue.Also, because the system was connected with databases from different sources, we had to implement deployable solutions for data normalization and cleansing for accurate results. With proper debugging and testing, we were able to make sure that all components on the system functioned properly without any errors.I was successful in resolving these issues and eventually gave life to Chat Analyzer.
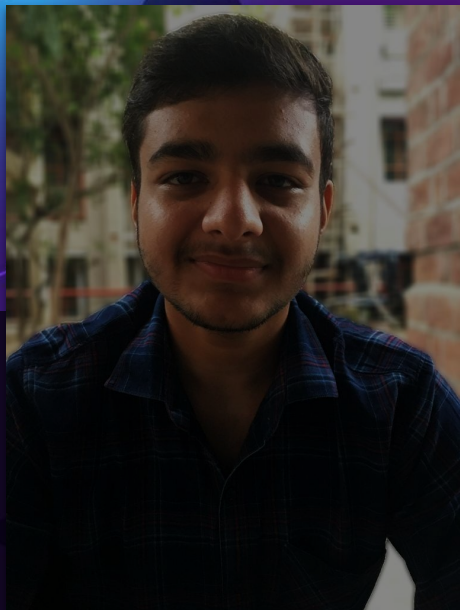
THANKS!

Do you have any questions?
bansalaruj77@gmail.com
+91 95486 38618

Wabra-chat-analyzer.onrender.com
https://github.com/Aruj77/Chat-Analyzer
https://www.youtube.com/watch?v=jbzDCCsAbtE