SEMESTER PROJECT (4TH SEM 2023-2027)

WHATSAPP CHAT ANALYSER TOOL

USING
PYTHON
MACHINE LEARNING
NLP
STREAMLIT

SUBMITTED BY = SARAL PANDEY
ROLL - NO = 021323035
4TH SEMESTER
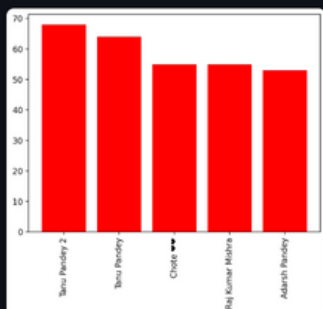
💬 WHATSAPP CHAT ANALYZER TOOL

UNLOCK HIDDEN INSIGHTS FROM YOUR WHATSAPP CONVERSATIONS WITH MY WHATSAPP CHAT ANALYZER TOOL. THIS APPLICATION PROVIDES DETAILED ANALYSIS OF CHAT PATTERNS, MESSAGE FREQUENCIES, WORD USAGE, AND USER INTERACTIONS, ALLOWING YOU TO VISUALIZE COMMUNICATION TRENDS EFFORTLESSLY.

Whatsapp Chat Analyzer

Choose a file

Drag and drop file here
Limit 200MB per file

Browse files

📄 whatsapp chat.txt ✕
20.0KB

Show analysis wrt

Overall ⌄

Show Analysis

Top Statistics

Total Messages	Total Words	Media Shared	Links Shared
389	1074	267	8

Monthly Timeline

Data for Monthly Timeline:

year	month_num	month	message	time
		empty		
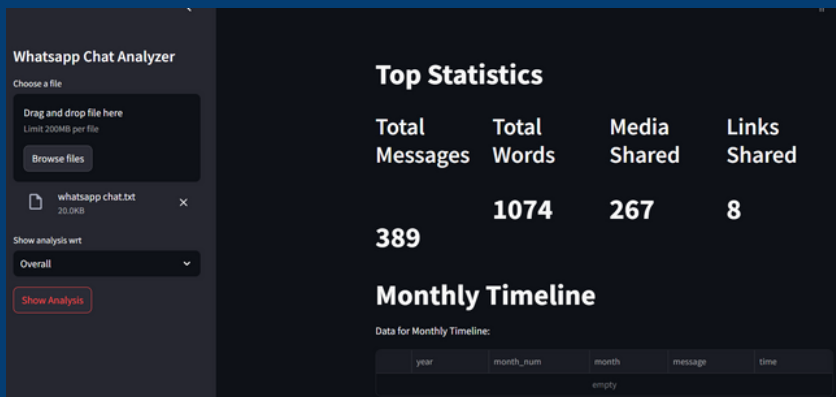
Most Busy Users

|		percent	count
0	Tanu Pandey 2		17.48
1	Tanu Pandey		16.45
2	Chote ❤️ ❤️		14.14
3	Raj Kumar Mishra		14.14
4	Adarsh Pandey		13.62
5	group_notification		6.17
6	Hero Misha		4.88
7	Sushil Bhai 🤩		4.88
8	Kamlesh Pandey		1.54
9	Poonam Didi 🙌 🙌		1.54

✨ FEATURES:

MESSAGE FREQUENCY ANALYSIS: UNDERSTAND DAILY, WEEKLY, AND MONTHLY MESSAGING PATTERNS.

TOP CONTRIBUTORS: IDENTIFY WHO TEXTS THE MOST IN GROUP CHATS.

MOST USED WORDS & EMOJIS: DISCOVER COMMON WORDS, PHRASES, AND EMOJIS.

ACTIVITY TIMELINE: VISUALIZE CHAT ACTIVITY OVER TIME.

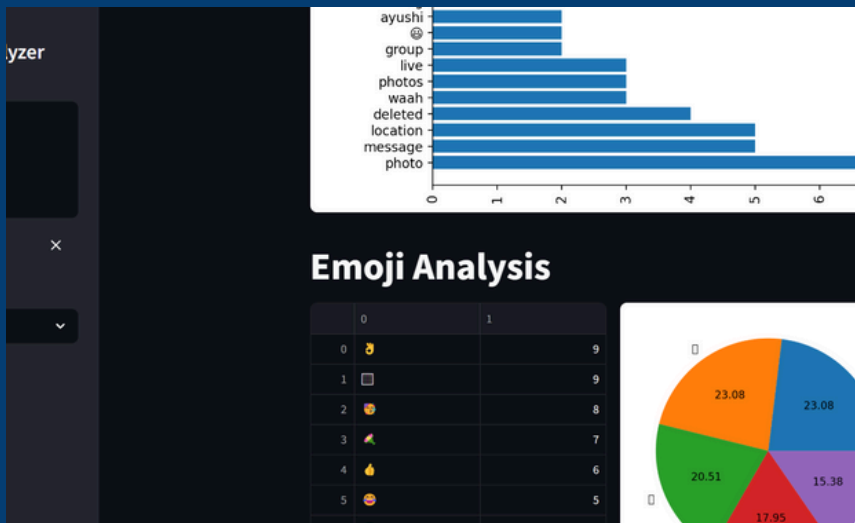**DATA VISUALIZATION:** INTERACTIVE GRAPHS FOR QUICK INSIGHTS.
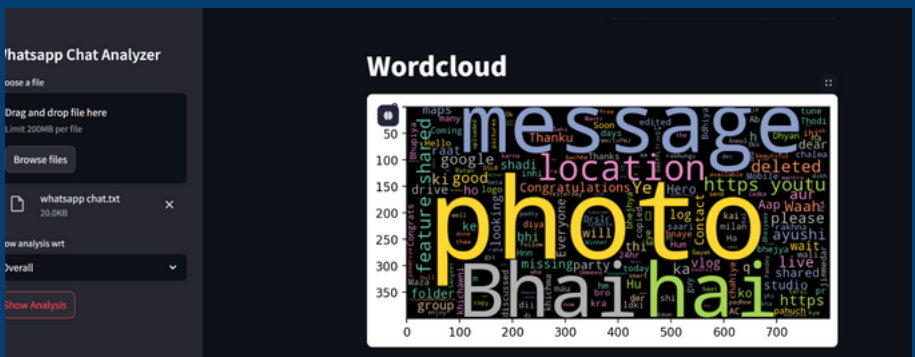
🔍 TECHNOLOGIES USED:

PROGRAMMING LANGUAGE: PYTHON

LIBRARIES: PANDAS, MATPLOTLIB, SEABORN, NLTK DATA

HANDLING: WHATSAPP .TXT EXPORT FILES FOR ANALYSIS

DEPLOYMENT: FLASK OR STREAMLIT FOR AN INTERACTIVE WEB INTERFACE.

GITHUB REPOSITORY LINK IS HERE

HTTPS://GITHUB.COM/SARALPANDEY/WHATSAPP_CHAT_ANALYSER