**WhatSapp Chat Analyzer:**

Today one of the trendy social media platforms one and only Whatsapp. It is one of the favorite social media platforms among all of us because of its attractive features. It has more than 2B users worldwide and “According to one survey an average user spends more than 195 minutes per week on WhatsApp”. How terrible the above statement is. Leave all these things and let’s understand what actually WhatsApp analyzer means?

WhatsApp Analyzer means we are analyzing our WhatsApp group activities. It tracks our conversation and analyses how much time we are spending on WhatsApp. Here I used different python libraries which help me to extract useful information from raw data. Here I choose my official WhatsApp group to analyze the pattern.

Data set is very dynamic. For seeing the analysis you can export your single user chat or group level with time stamp of 24 hrs format. And then upload the Chat export in text format

Used Streamlit to create web UI.Made all the required analytics at single user and group level with the supporting Visualization.Also, used NLP for sentiment analysis of your chat.

**Results:**

Made Streamlit application to perform significant Monthly & Daily Timeline analysis, Emoji & Sentimental analysis, Time period activity and Top message analysis at Single user and group level user

Whatsapp chats using Natural Language Processing.

**Screenshot of Streamlit Whatsapp Chat Analyzer GUI**

