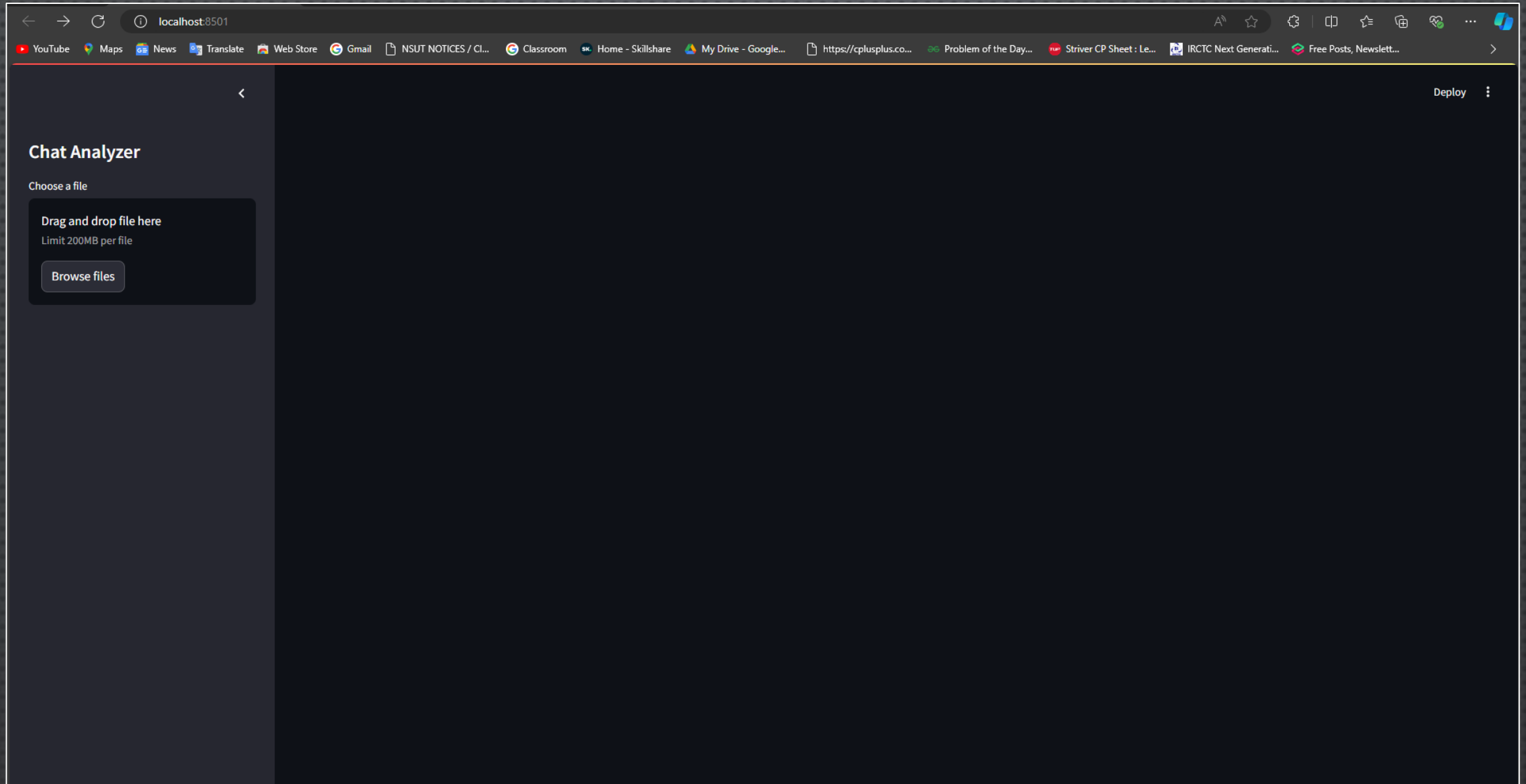


# FROTEND USING STREAMLIT



## SELECT THE CHAR FROM THE COMPUTER

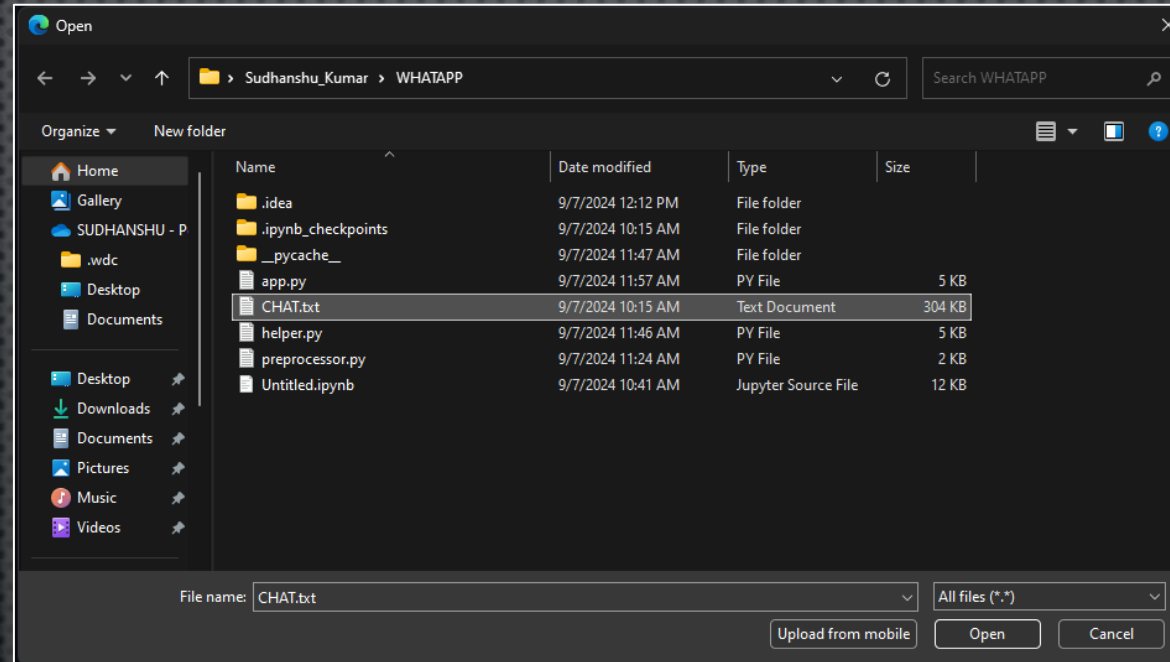
### Chat Analyzer

Choose a file

Drag and drop file here

Limit 200MB per file

Browse files



### Chat Analyzer

Choose a file

Drag and drop file here

Limit 200MB per file

Browse files

CHAT.txt  
303.8KB

Show analysis wrt

Overall

Show Analysis

## RAW CHAT DATA (STRING)

### Intial Data

18/06/24, 22:08 - Harsh CSDS: null

18/06/24, 22:08 - Sudhanshu Kumar 🤓: Mai toh soone ja raha hu

18/06/24, 22:10 - Divyansh Tanwar CSDS: <https://forms.gle/uD6wn1hAUyNNkD9m6>

18/06/24, 22:10 - Divyansh Tanwar CSDS: S9ja

18/06/24, 22:12 - Sudhanshu Kumar 🤓: Form submit kar diya

18/06/24, 22:39 - Akshit CSDS: <Media omitted>

18/06/24, 23:14 - Rishi CSDS: Same uper wla bhara h na?

18/06/24, 23:22 - Divyansh Tanwar CSDS: Hn



# PREPROCESSING STEPS

- Define the regular expression pattern.
- Split the data into messages and dates using the pattern.
- Create a DataFrame with columns 'user\_message' and 'message\_date'.
- Convert the message\_date column to datetime format.
- Rename message\_date column to date. Extract user names and messages from user\_message.
- Add user and message columns to the DataFrame.
- Drop the user\_message column.
- Extract date components (year, month, day, etc.).
- Create time periods based on hour.

## AFTER PREPROCESSING THE DATA

	date	user	message	only_date	year	month_num	month	day	day_name	hour	minute	period
0	2024-06-18 22:08:00	Harsh CSDS	null	2024-06-18	2,024	6	June	18	Tuesday	22	8	22-23
1	2024-06-18 22:08:00	Sudhanshu Kumar 🤔	Mai toh soone ja raha hu	2024-06-18	2,024	6	June	18	Tuesday	22	8	22-23
2	2024-06-18 22:10:00	Divyansh Tanwar CSDS	<a href="https://forms.gle/uD6wn1hA">https://forms.gle/uD6wn1hA</a>	2024-06-18	2,024	6	June	18	Tuesday	22	10	22-23
3	2024-06-18 22:10:00	Divyansh Tanwar CSDS	S9ja	2024-06-18	2,024	6	June	18	Tuesday	22	10	22-23
4	2024-06-18 22:12:00	Sudhanshu Kumar 🤔	Form submit kar diya	2024-06-18	2,024	6	June	18	Tuesday	22	12	22-23
5	2024-06-18 22:39:00	Akshit CSDS	<Media omitted>	2024-06-18	2,024	6	June	18	Tuesday	22	39	22-23
6	2024-06-18 23:14:00	Rishi CSDS	Same uper wla bhara h na?	2024-06-18	2,024	6	June	18	Tuesday	23	14	23-00
7	2024-06-18 23:22:00	Divyansh Tanwar CSDS	Hn	2024-06-18	2,024	6	June	18	Tuesday	23	22	23-00
8	2024-06-18 23:36:00	Rishi CSDS	<Media omitted>	2024-06-18	2,024	6	June	18	Tuesday	23	36	23-00
9	2024-06-19 20:53:00	Akshit CSDS	Koi change tho nhi karna na	2024-06-19	2,024	6	June	19	Wednesday	20	53	20-21
10	2024-06-19 21:40:00	Divyansh Tanwar CSDS	Nhi	2024-06-19	2,024	6	June	19	Wednesday	21	40	21-22
11	2024-06-19 22:13:00	Harsh CSDS	qwertyuiop[ASDFGHJKLZXCV	2024-06-19	2,024	6	June	19	Wednesday	22	13	22-23
12	2024-06-20 09:56:00	Harsh CSDS	<a href="https://www.instagram.com/">https://www.instagram.com/</a>	2024-06-20	2,024	6	June	20	Thursday	9	56	9-10
13	2024-06-20 09:56:00	Harsh CSDS	Ya tho apna group h	2024-06-20	2,024	6	June	20	Thursday	9	56	9-10
14	2024-06-20 09:56:00	Harsh CSDS	750wala @918800940901	2024-06-20	2,024	6	June	20	Thursday	9	56	9-10
15	2024-06-20 09:56:00	Harsh CSDS	😂😂	2024-06-20	2,024	6	June	20	Thursday	9	56	9-10
16	2024-06-20 12:38:00	Harsh CSDS	Guys, YES you can take up ex	2024-06-20	2,024	6	June	20	Thursday	12	38	12-13
17	2024-06-20 12:38:00	Harsh CSDS	Result improve?	2024-06-20	2,024	6	June	20	Thursday	12	38	12-13
18	2024-06-20 12:52:00	Divyansh Tanwar CSDS	Bol rhi hein tu next sem mein	2024-06-20	2,024	6	June	20	Thursday	12	52	12-13



Show analysis wrt

Overall



Overall

Abhishek Raj CSDS

Akshit CSDS

Ayush Chauhan CSDS

Divyansh Tanwar CSDS

Harsh CSDS

Khush NSUT

Mota AI

Show analysis wrt

Abhishek Raj CSDS



Show Analysis

Total  
Messages

59

Total Words

175

Media  
Shared

3

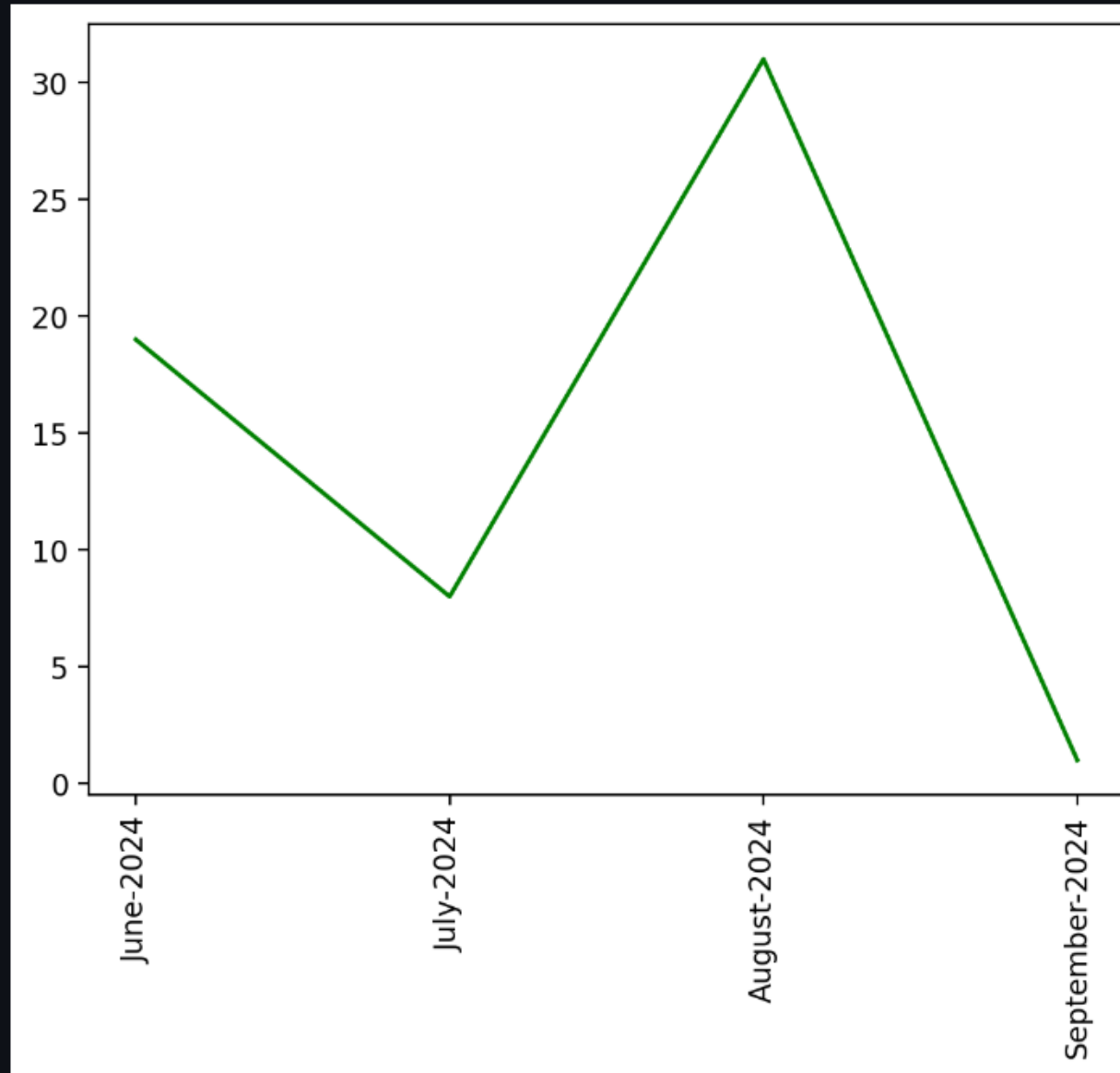
Links  
Shared

1

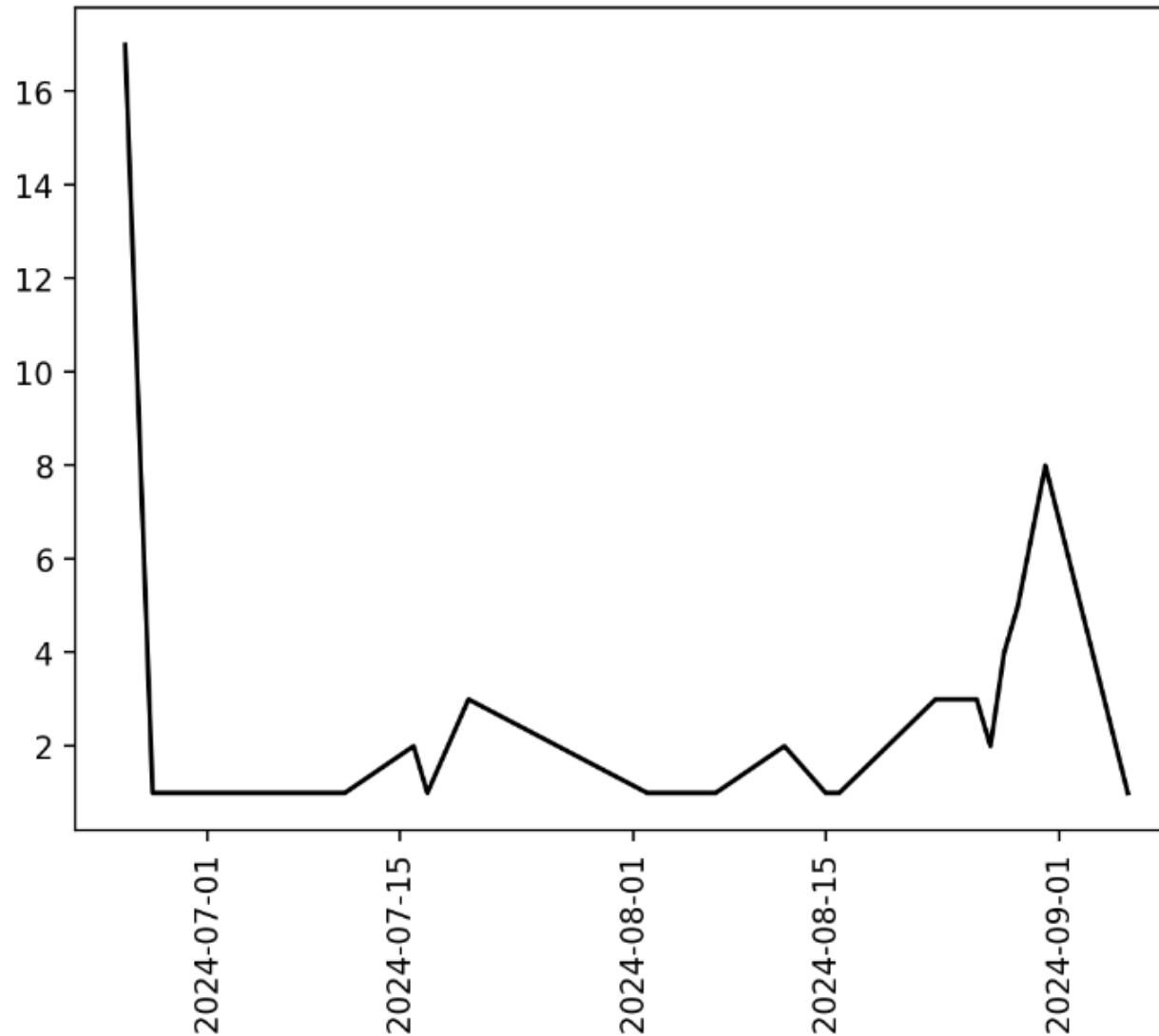
Emoji

7

# Monthly Timeline



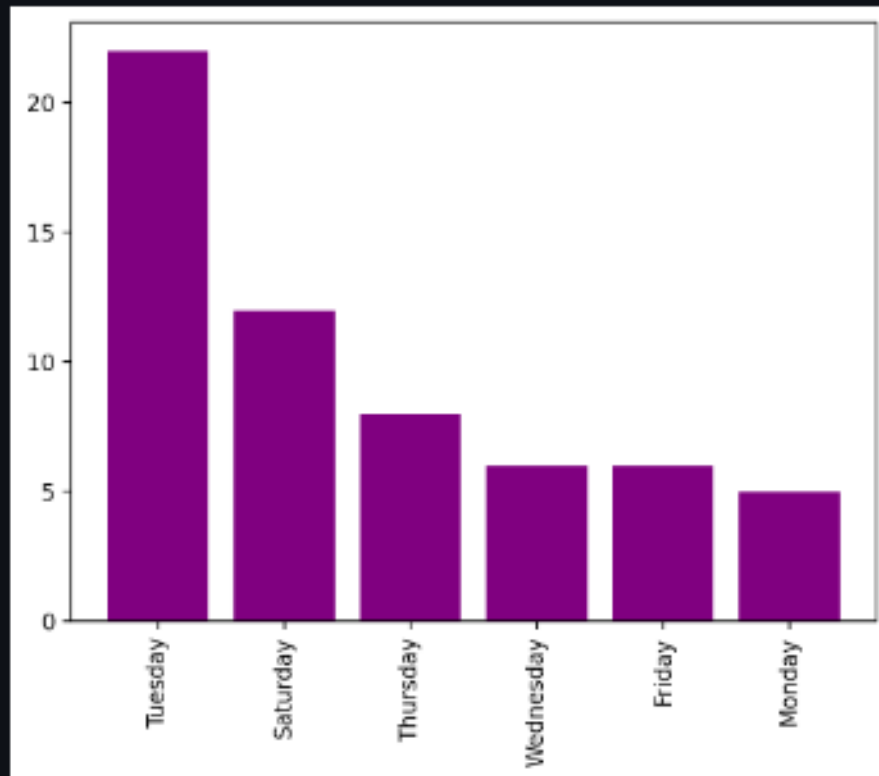
## Daily Timeline [↗](#)



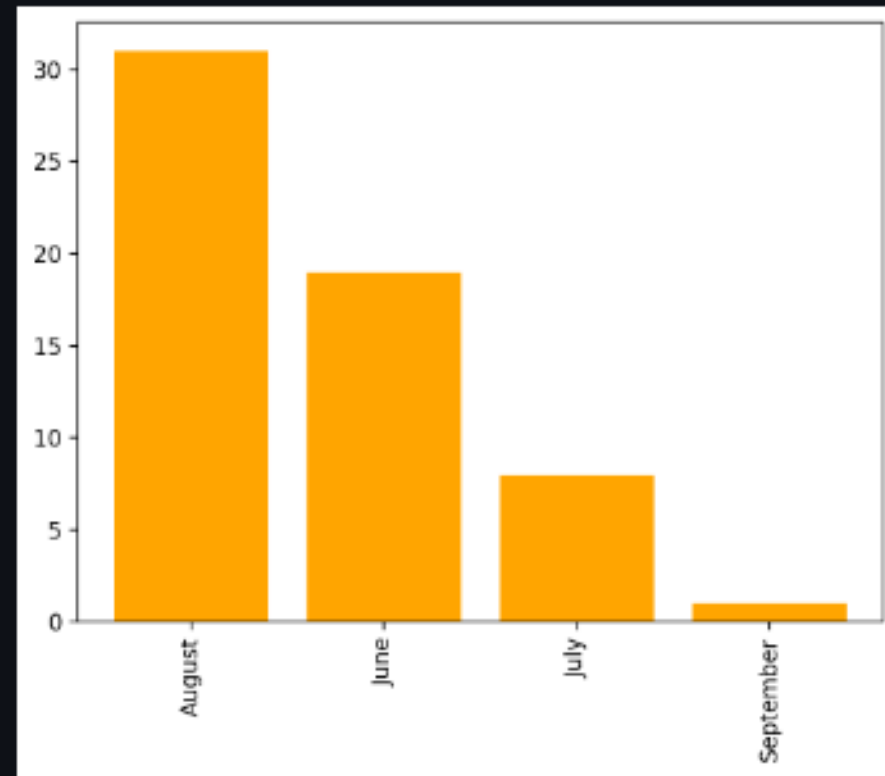


# Activity Map

## Most busy day



## Most busy month



# Weekly Activity Map [↗](#)

