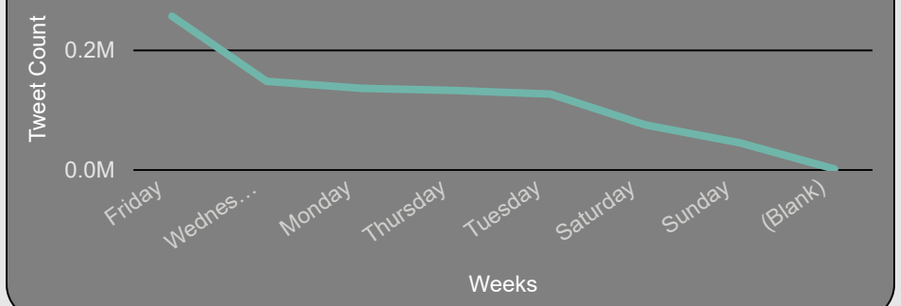
Twitter Analytics Dashboard

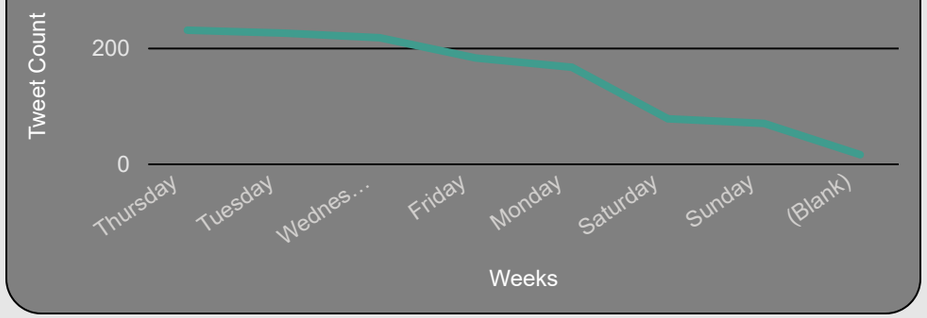
Month
All

Media Views	Impressions	Engagement Rate	Tweet Count
89K	773.28	6.65%	1.181K

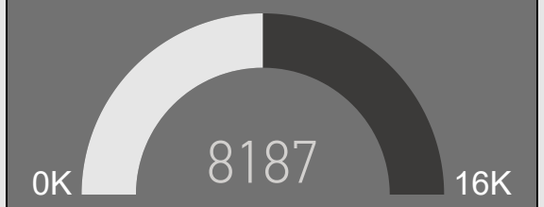
Impressions by Week



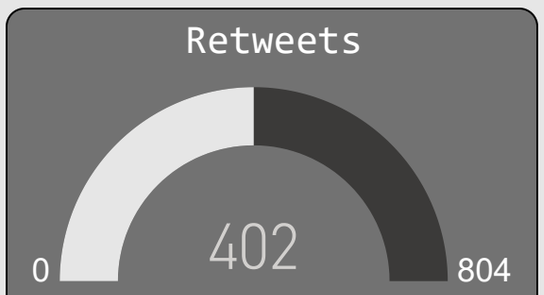
Tweets by Week



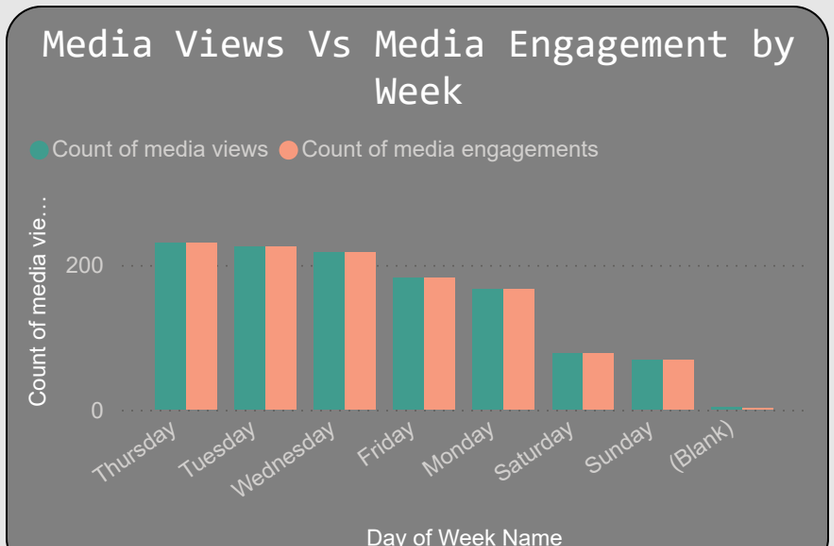
Likes



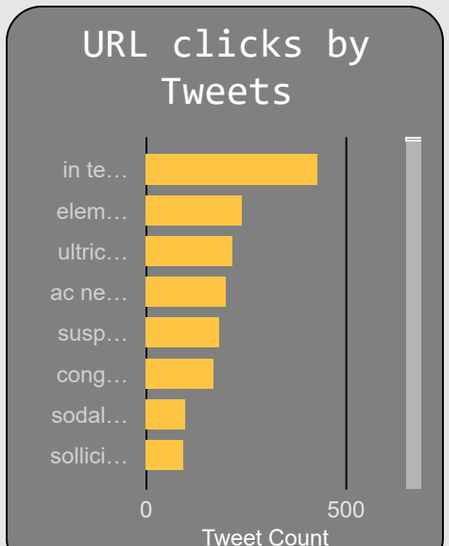
Retweets

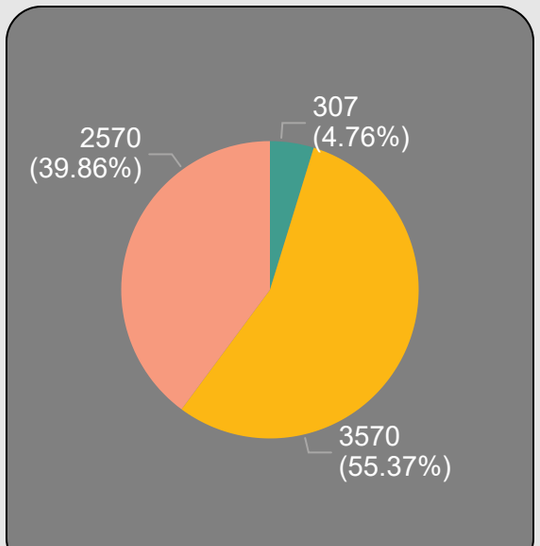


Media Views Vs Media Engagement by Week



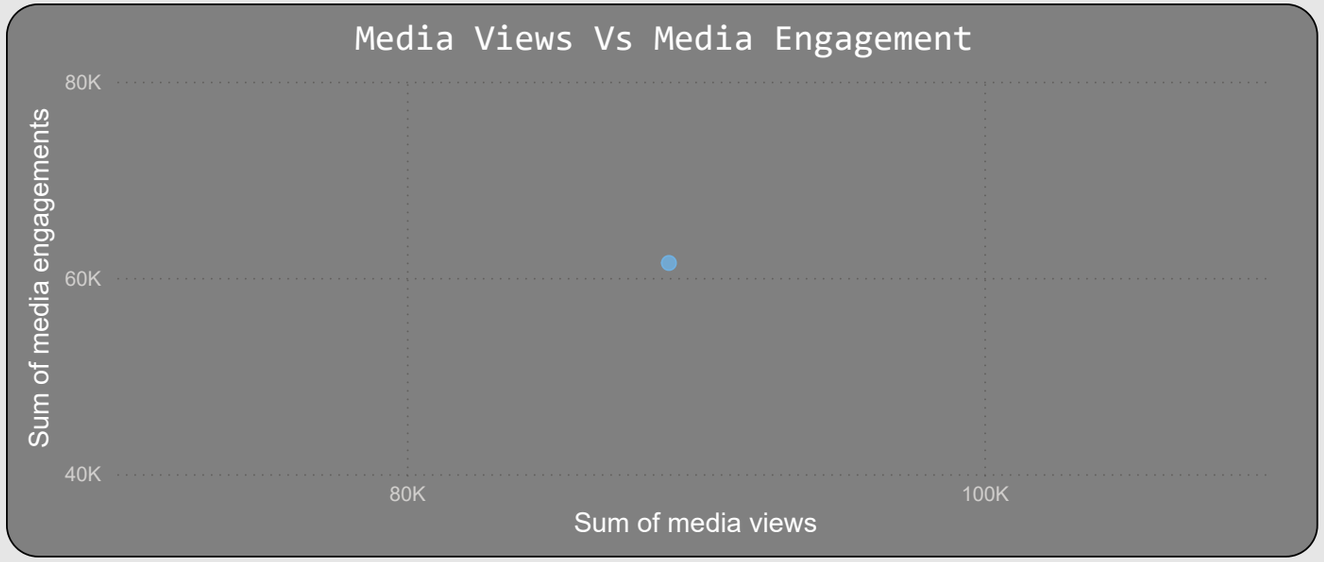
URL clicks by Tweets





Task - 1

Plot a scatter chart to analyze the relationship between media engagements and media views for tweets that received more than 10 replies. Highlight tweets with an engagement rate above 5% and this graph should work only between 6PM IST to 11 PM IST apart from that time we should not show this graph in dashboard itself and the tweet date should be odd number as well as tweet word count be above 50.



Conclusion

The scatter plot displays **no bubbles**, indicating that no tweet in the dataset meets all the applied criteria: replies > 10, odd-numbered posting date, word count > 50, posted between 6 PM–11 PM IST.
(The ShowInScatter column contains only FALSE, meaning no tweet meets all the specified filter conditions.)

Task - 2

Create a clustered bar chart that breaks down the sum of URL clicks, user profile clicks, and hashtag clicks by tweet category (e.g., tweets with media, tweets with links, tweets with hashtags). Only include tweets that have at least one of these interaction types and this graph should work only between 3PM IST to 5 PM IST apart from that time we should not show this graph in dashboard itself and the tweet date should be even number as well as tweet word count be above 40.

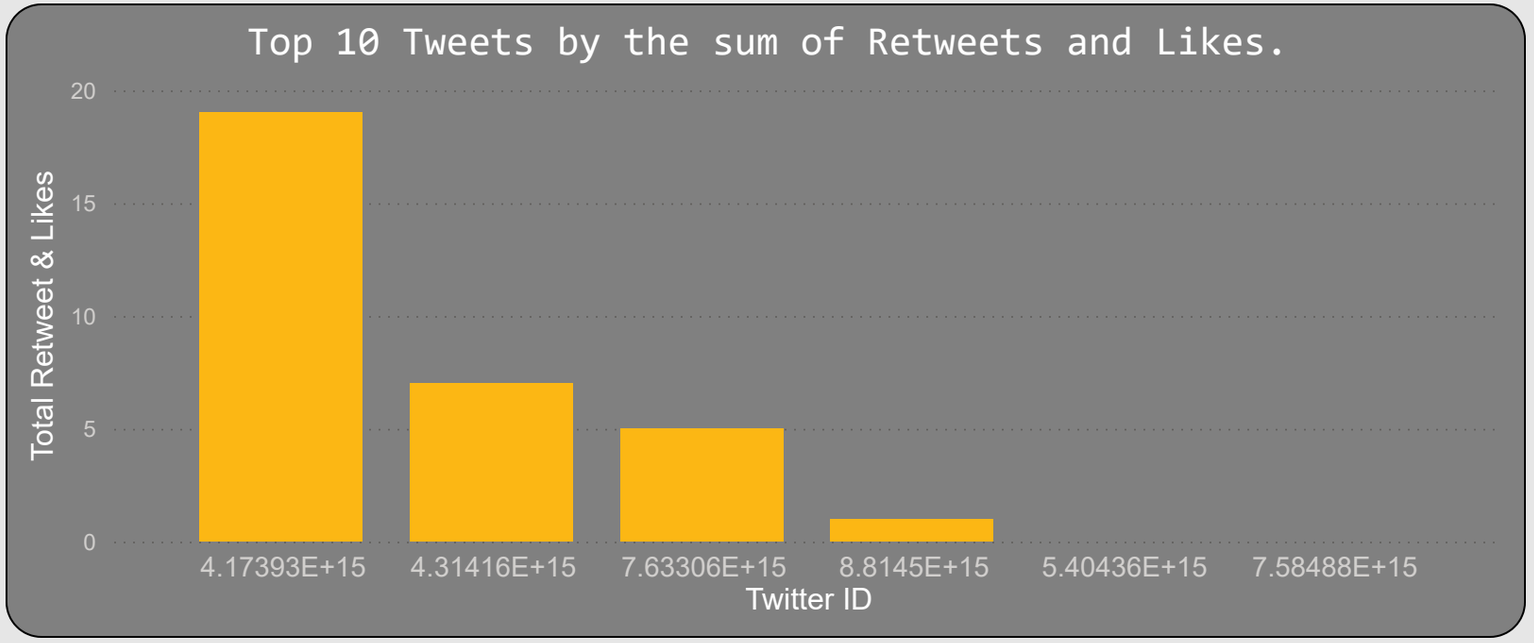
Conclusion

The clustered bar chart shows no data because no tweet meets all the specified criteria: even date, word count above 40, posted between 3 PM–5 PM IST, and at least one interaction (URL, profile, or hashtag click).

(The ShowInBarChart column contains only FALSE, meaning no tweet meets all the specified filter conditions.)

Task - 3

Build a chart to identify the top 10 tweets by the sum of retweets and likes. Filter out tweets posted on weekends and show the user profile that posted each tweet and this graph should work only between 3PM IST to 5 PM IST apart from that time we should not show this graph in dashboard itself and the tweet impression should be even number and tweet date should be odd number as well as tweet word count be below 30



Conclusion

This chart shows the top 10 tweets based on the total of retweets and likes. It includes only those tweets that were posted on weekdays between 3 PM and 5 PM IST, have even impressions, an odd date, and less than 30 words.
("Less than 10 bars are shown because only these tweets meet all the given criteria.")

Task - 4

Create a line chart showing the trend of the average engagement rate over each month of the year. Separate the lines for tweets with media content and those without and this graph should work only between 3PM IST to 5 PM IST and 7 AM to 11AM apart from that time we should not show this graph in dashboard itself and the tweet engagement should be even number and tweet date should be odd number as well as tweet character count should be above 20 and need to remove tweet word which has letter 'C'

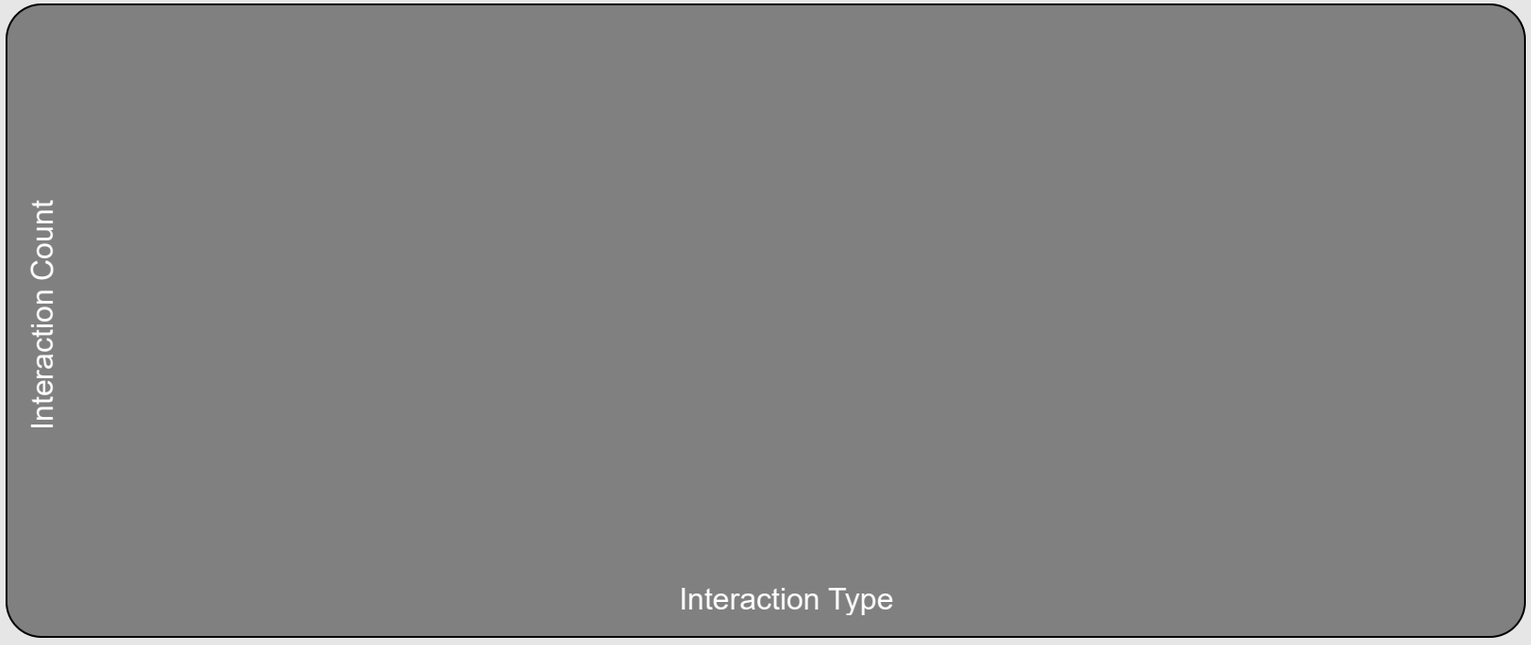
Conclusion

No tweets meet all the given criteria (time range, engagement rate, tweet date, character count, and no words containing the letter 'C'), so the line chart is empty.

(The ShowInLineChart column contains only "0", meaning no tweet meets all the specified filter conditions.)

Task - 5

Develop a visualization that compares the number of replies, retweets, and likes for tweets that have received media engagements greater than the median value. Include a filter for tweets posted in between June and August of 2020 and this graph should work only between 3PM IST to 5 PM IST and 7 AM to 11AM apart from that time we should not show this graph in dashboard itself and tweet date should be odd number and media views should be even number as well as tweet character count should be above 20 and need to remove tweet word which has letter 'S'.



Conclusion

No tweets meet all the given criteria (time range, media engagements, tweet date, character count, and no words containing the letter 'S'), so the chart is empty.
(The Show_Task5_Row **column contains only "0", meaning no tweet meets all the specified filter conditions.)**

Task - 6

Analyze tweets to show a comparison of the engagement rate for tweets with app opens versus tweets without app opens. Include only tweets posted between 9 AM and 5 PM on weekdays and this graph should work only between 12PM IST to 6PM IST and 7 AM to 11AM apart from that time we should not show this graph in dashboard itself and the tweet impression should be even number and tweet date should be odd number as well as tweet character count should be above 30 and need to remove tweet word which has letter 'D'.

Conclusion

No tweets meet all the given criteria (time range, tweet impression , tweet date, character count, and no tweets containing the letter 'D'), so the chart is empty.

(The Show_Task6_Row **column contains only "0", meaning no tweet meets all the specified filter conditions.)**