# TV Shows Muster and Analysis

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## 1 INTRODUCTION

Our project aimed to collect data about TV Shows from different social media platforms like Twitter and IMDb [1] like tweets and ratings on a large scale and draw patterns about the popularity of a show, it's influence on users from different age groups, the amount of engagement it receives based on retweets, likes and replies as well as how the show trends in different parts of the world. As the process continues we now have abundant data collected to analyze the shows and have also successfully analyzed each TV show depending on certain factors.

Our aim here is to create suitable User Interface which would be a replica of the results and insights we derived by working on the collected data in the form of a dashboard. Our focus here is to perfectly choose certain insights that we can push on the dashboard and then create a suitable interface to show the depth of those insights clearly to the user.

One of the insights we derived was the sentiment analysis of each TV show we analyzed upon which shows how the review sentiments vary over a period of time and how the performance of a TV show can be measured using these review sentiments. We will use a scale between 0-100 to let the user choose a range of ratings and the results of this action would display the sentiment analysis with respect to the values chosen.

One of the most common things users do before starting to watch a TV show is to check its ratings. Our dashboard will also have the capability of displaying all shows above a certain threshold, which the user can pick with a slider.

To create an interactive dashboard for displaying these analyses, we will use Flask [2], Jinja2 and matplotlib.

## REFERENCES

[1] [n.d.]. https://www.imdb.com/
[2] Armin Ronacher. [n.d.]. https://flask.palletsprojects.com/en/1.1.x/#