

Data Science Project Proposal - CS5617

Trending YouTube Video Statistics of United States

Team: Data warriors

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Dataset: Daily statistics for trending YouTube videos in US

Github link: https://github.com/mjijas/DS_Project_2020

Research question:

Each uploaded video on YouTube have some properties (like heading, tags, descriptions, uploaded time etc.). How each properties are impacting on trending that video on YouTube? What is the common features of trending YouTube videos? How to make a video trending on YouTube? Identifying patterns between training videos' properties.

Deliverables:

We can identify which properties' of a YouTube video make that most popular one among other millions of videos, and how it's impact.

Outcome:

By identifying the impact of each properties of a videos, we can make a video trending on YouTube.

Assumptions:

A YouTube video's title and tags are giving a huge impact on making a trending on YouTube

Data Sample:

It contains 16 columns and 40950 rows, column names are video_id, trending_date, title, channel_title, category_id, publish_time, tags, views, likes, dislikes, comment_count, thumbnail_link, comments_disabled, ratings_disabled, video_error_or_removed, description