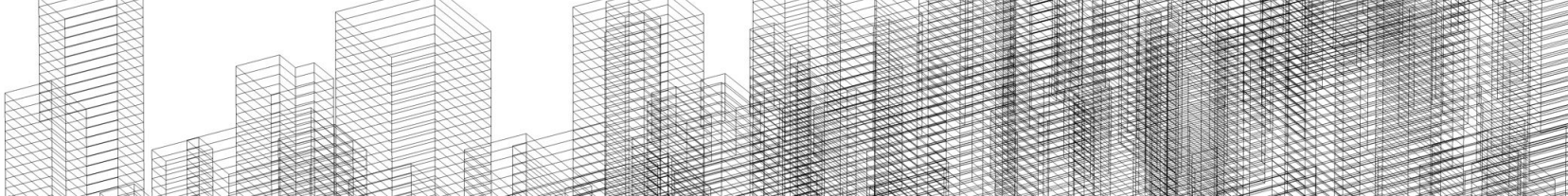
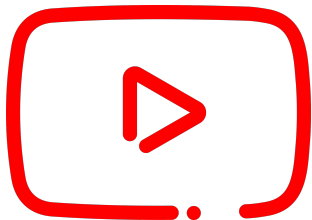


A decorative graphic on the left side of the slide. It consists of a blue parallelogram and a light green parallelogram, both tilted at an angle. The blue shape is in the foreground, and the green shape is partially behind it. They are set against a dark blue background with subtle diagonal lines.

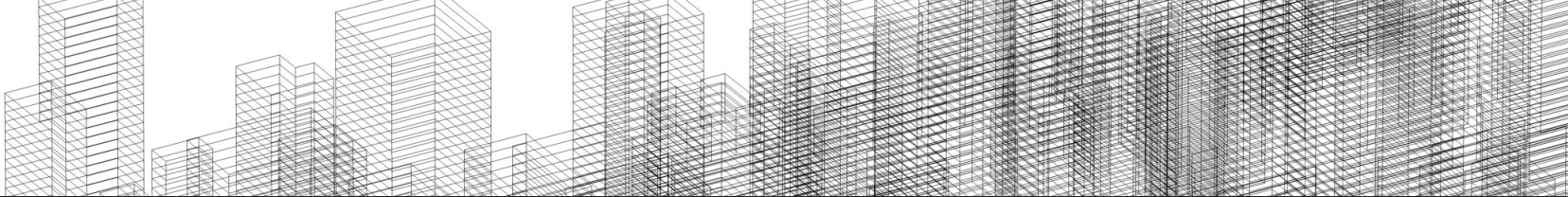
Analysis of Top Youtube Channels



Why?



Youtube's dense and diverse arrays of users and content providers pose ample room for analyzing and characterizing the popularity of its videos



Language



Data Source



YouTube Data API v3

Google

The YouTube Data API v3 is an API that provides access to YouTube data, such as videos, playlists,...

Data Storage





Problem Statement

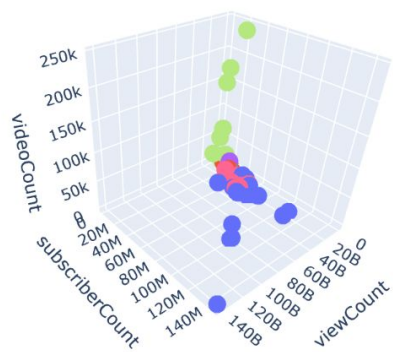
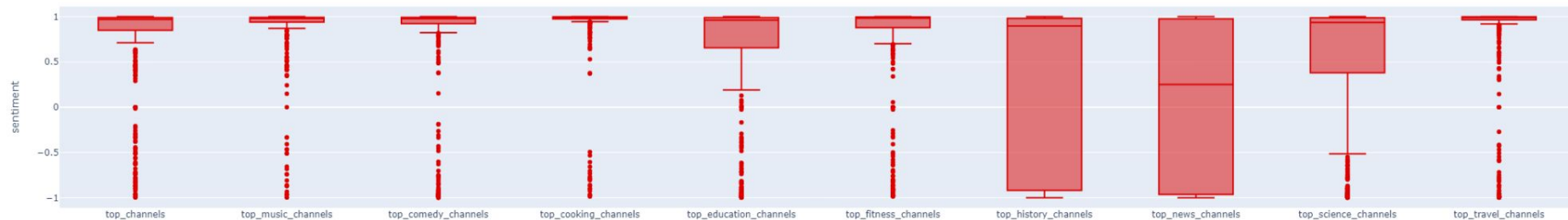
We wish to predict Youtube video channel success by analyzing the metrics of top channels by category.

Research Questions

What features and traits do successful videos have in common across categories?

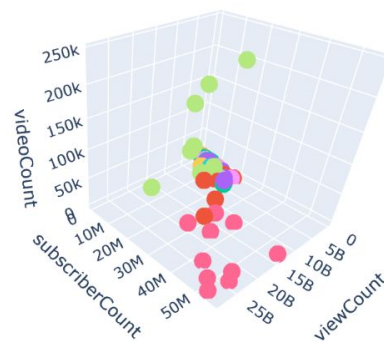
How do meta-level features drive user engagement and popularity of a video?

Trend Exploration and Analysis



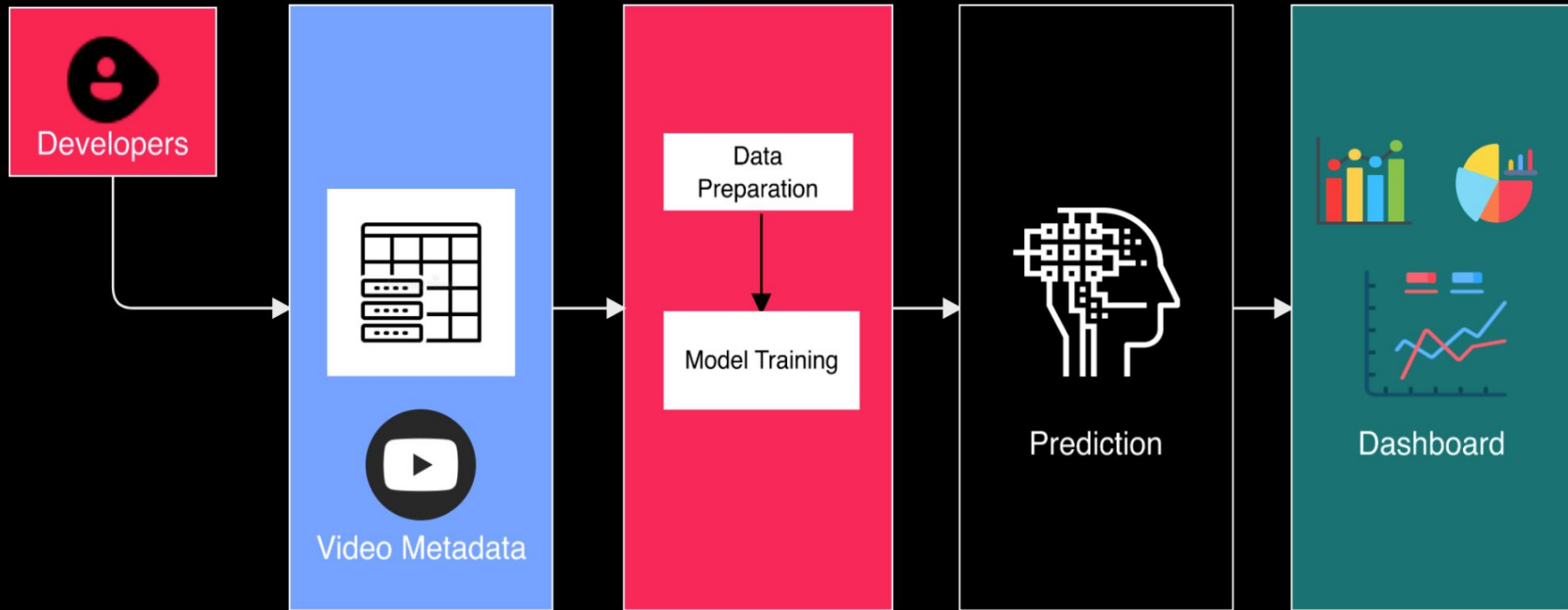
category_title

- top_channels
- top_comedy_channels
- top_cooking_channels
- top_education_channels
- top_fitness_channels
- top_history_channels
- top_music_channels
- top_news_channels
- top_science_channels
- top_travel_channels



category_title

- top_channels
- top_comedy_channels
- top_cooking_channels
- top_education_channels
- top_fitness_channels
- top_history_channels
- top_music_channels
- top_news_channels
- top_science_channels
- top_travel_channels



DASHBOARD

Top YouTube Channels Trend Analysis Dashboard

Project logo/ Image / GIF

Dropdown Menu

Comedy

Cooking

Education

Fitness

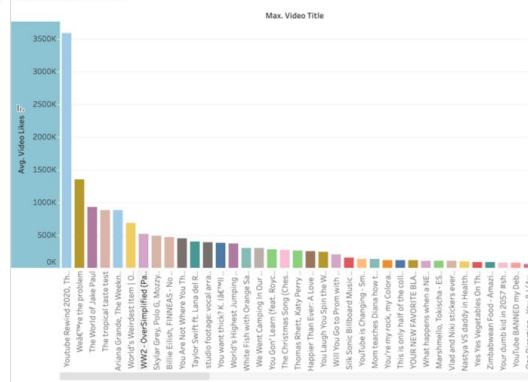
History

Music

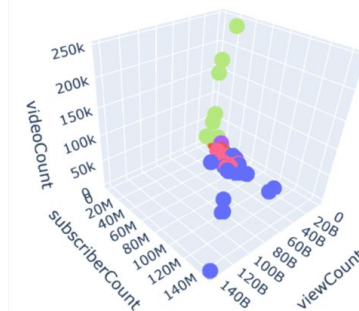
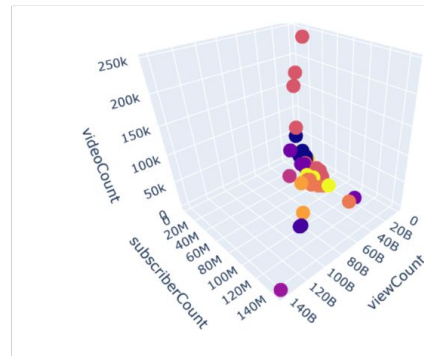
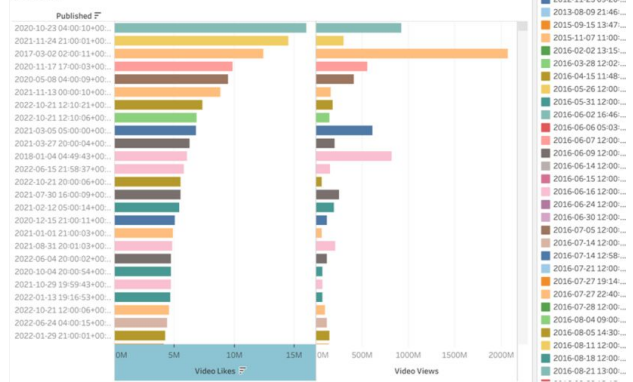
News

Travel

Most Liked Videos



Sheet 3



category_title

- top_channels
- top_comedy_channels
- top_cooking_channels
- top_education_channels
- top_fitness_channels
- top_history_channels
- top_music_channels
- top_news_channels
- top_science_channels
- top_travel_channels