**Group 2 Project Proposal**

**Group2**

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**Project Summary:** YouTube Slice and dice.

The idea of this project is to create an interactive webpage that allows our user to delve into a data set of trending YouTube videos. Our user is able to interact with the data to look up; the most viewed video(s) in a given country, the most liked (or disliked) video(s), or the most commented on video(s) etc.

**Data sources:**

<https://www.kaggle.com/rsrishav/youtube-trending-video-dataset?select=CA_category_id.json>

To execute this project, we break it down into several phases.

**Pull and clean data set:** We need to extract the data we intend to serve up to the client. In this case, our YouTube trending videos for 5 different countries. We intend to further create an interactive map to have the user select what country data they wish to delve into.

**Load and store:** We then intend to load said data into a SQL postgres database, join the data tables by location to create a searchable product.

**Flask:** The creation and utilization of a flask app will allow the user to extract country specific YouTube video data for comparison and/or analysis.

**Visualize:** We then intend to create intend to create an interactive dashboard using js, html and css styling, where we have a user interact with the data to view filtered subsets of the data they wish to a view things like ‘The most disliked video in Mexico” could be filtered out and served up to the user from our postgres database.