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CSE 4334 Data Mining

Project Idea

Video Search App

We all often go want to watch something on YouTube, and we let the YouTube algorithm choose for us. Why not search for something you actually want to watch? With this app you are able to search videos easily by searching. For example, if you want to watch funny videos you can type funny videos and it will search based on the description, ratings, and other attributes of the video.

The data set pulls from YouTube videos and has attributes like title, likes, descriptions, etc. This allows you to search. It will be able to give you the top options based on the query you provide it. For the second feature in the classifier if we type in a word like action, it can give us a percentage match of the top videos that most likely have action in the video. Other apps similar to this are Youtube,Vimeo, Twitch.

Why will someone need this App? Anyone who is in search of a video can quickly and

efficiently get the best options tailored to them. With this app, you are able to search with a query and get the best results back. There are certainly other apps like youtube,vimeo, and twitch but they do not perform well if you search for example 'Funny' they return videos that have funny in the title. The dataset that I am pulling from shows data on youtube videos and it has many attributes that can show the differences between the choices. This app will make it easy for anyone to search for a video.

The dataset that will be used for this app is found at:

https://www.kaggle.com/datasnaek/youtube-new