

Christopher Rudel

Professor Dugas

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Assignment 3

The purpose of the program 'youtube_data.py' is to take the results from a YouTube search and perform basic analyses on the results of the search. For input the program takes in the desired search term and of the maximum number of results from the user. Before performing any operations, the program outputs the user's input to ensure that the search results are as intended. The program then performs the YouTube search and outputs the results into a file named 'Results.csv'. Next the program takes the results of the search and performs an analysis on them. The analysis takes the results and outputs the top five videos of each category in the terminal. The categories outputted are as follows: the first category are the videos with the highest number of views, the second category are the videos with the highest like percentage relative to the view count, and the final category are the videos with the highest dislike percentage relative to the view count. As stated the analyses are output into the terminal in a readable format.