


# Lab 3 - Bit 'N Bytes Youtube Data

## Fields of Interest to Search:

- Search for trending video based on:
  - # of views
  - # of likes
  - # of dislikes
  - # of comments
  - Date
    - Trending date
    - Publish date
  - Video tags
  - Are comments enabled?
  - Channel

## GUI Design:



### Filters

<u>Stats</u>	<u>Dates</u>	<u>Tags</u>	<u>Video Properties</u>
# of Views	Trending Date	Video Tags	Comments Enabled
# of Likes	Publish Date		Comments Disabled
# of Dislikes			Channel Name
# of Comments			

## User Test Cases:

Test Case #	Test Case Description	Test Input	Expected Output
1	Verify that videos can be searched by tag	#asmr	ASMR CHEESY KING CRAB SAMYANG SPICY NOODLES STEW TYPE (EATING SOUNDS) NO TALKING   SAS-ASMR  <a href="https://www.youtube.com/watch?v=veOj-Q6KHsE">https://www.youtube.com/watch?v=veOj-Q6KHsE</a>
2	Verify that videos can be searched by trending date	Trending NOW	Demi Lovato - Commander In Chief  <a href="https://www.youtube.com/watch?v=n9Y-IS1trhw">https://www.youtube.com/watch?v=n9Y-IS1trhw</a>
3	Verify videos can be searched by published date	"Star Wars" - Filter By - Upload Date	List of most recent videos pertaining to search results based on upload date
4	Verify videos can be searched by # of views	Views = 1000	List of trending videos that have exactly 1000 views
5	Verify that videos can be searched by # of dislikes	Dislikes = 1000	List of trending videos with exactly 1000 dislikes
6	Verify that videos can be searched by # of likes	Likes = 1000	List of trending videos with exactly 1000 likes
7	Verify videos can be searched by enabled comments configuration	Comments > 0	List of trending videos with comments enabled
8	Verify videos can be searched by disabled comments configuration	Comments < 1	List of trending videos with comments disabled
9	Verify videos can be searched by number of	Comments = 500	List of trending videos with 500 comments

	comments		
10	Verify videos can be searched by channel name	channel = "Pewdiepie"	List of trending videos under Pewdiepie's channel

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