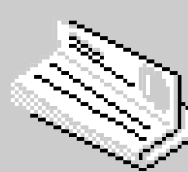
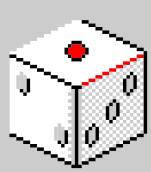
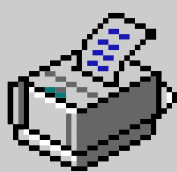
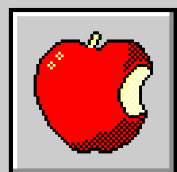


MADHOGS



PRESENTS



11:11PM

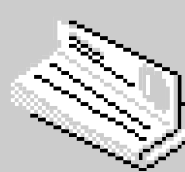
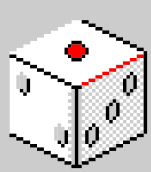
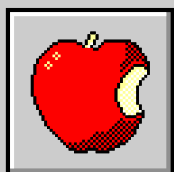
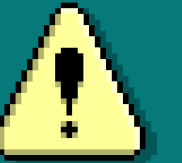
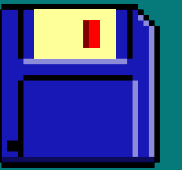
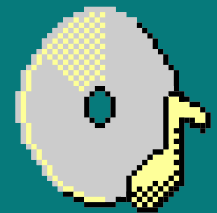
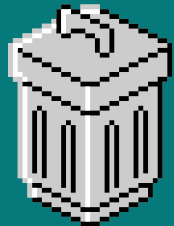
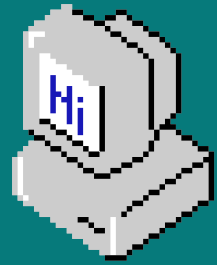
Meet the Team

Priyansh Pachauri

Tanay Sharma

Vaibhav Raj

Pranav Pande



11:11PM

INTRODUCTION:

Have you ever searched for a YouTube video seeking for a review or a full explanation of a topic, only to find after watching the entire video that it was not what you were looking for in the first place?

Previously, YouTube had a dislike button that helped you assess whether the video was useful or not, but the feature has been removed. However, there is a hack that can still help us determine whether the video is useful or not, and that is the COMMENTS.



#1 on Trending

YouTube Rewind 2018: Everyone Controls Rewind | #YouTubeRewind



YouTube Spotlight ☒

Subscribe 27M

Add to Share More

15,453,056 views

672,294 1,253,376



Agorapulse Review 🔥 The all in one tool for social media...

Andrew and Pete

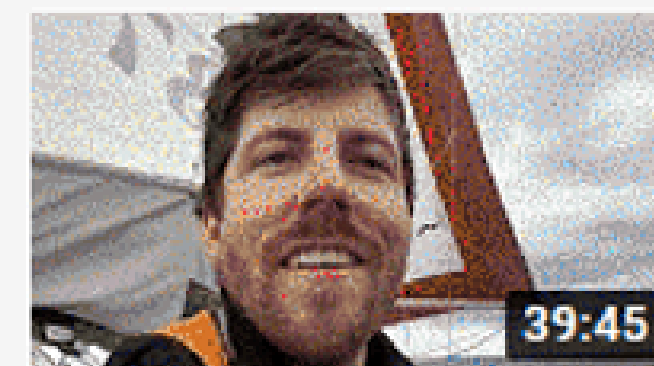
5.8K views • 2 years ago



Quit social media | Dr. Cal Newport | TEDxTysons

TEDx Talks ☒

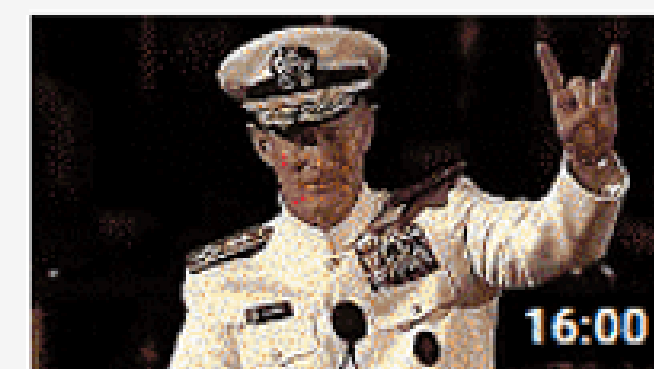
Recommended for you



Solo sailing Los Angeles to Hawaii on 23ft boat

Sam Holmes Sailing

Recommended for you



Admiral McRaven Leaves the Audience SPEECHLESS | One ...

MotivationHub

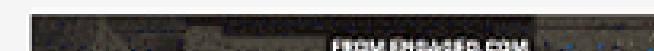
Recommended for you



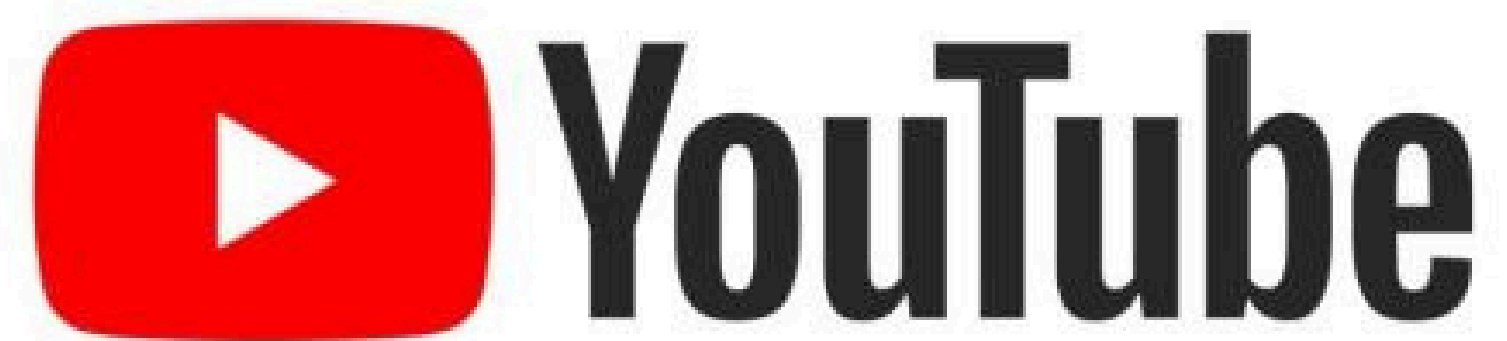
Carson Can't Keep Up with Rodney Dangerfield's Non-Sto...

Rodney Dangerfield ☒

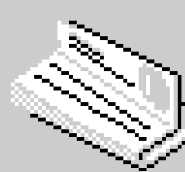
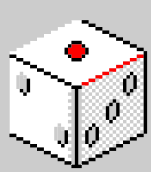
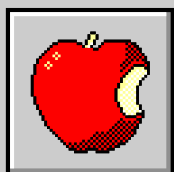
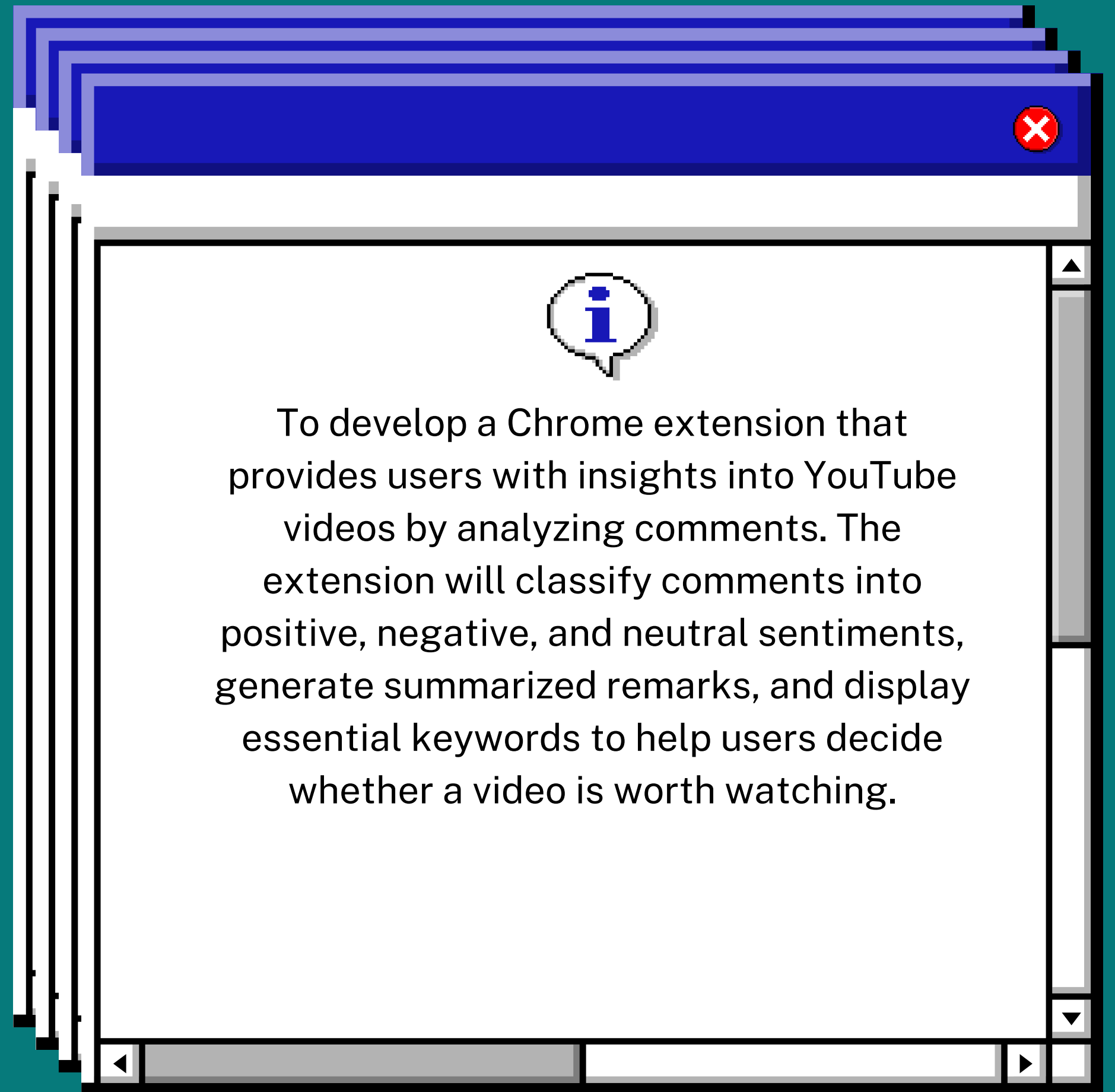
Recommended for you



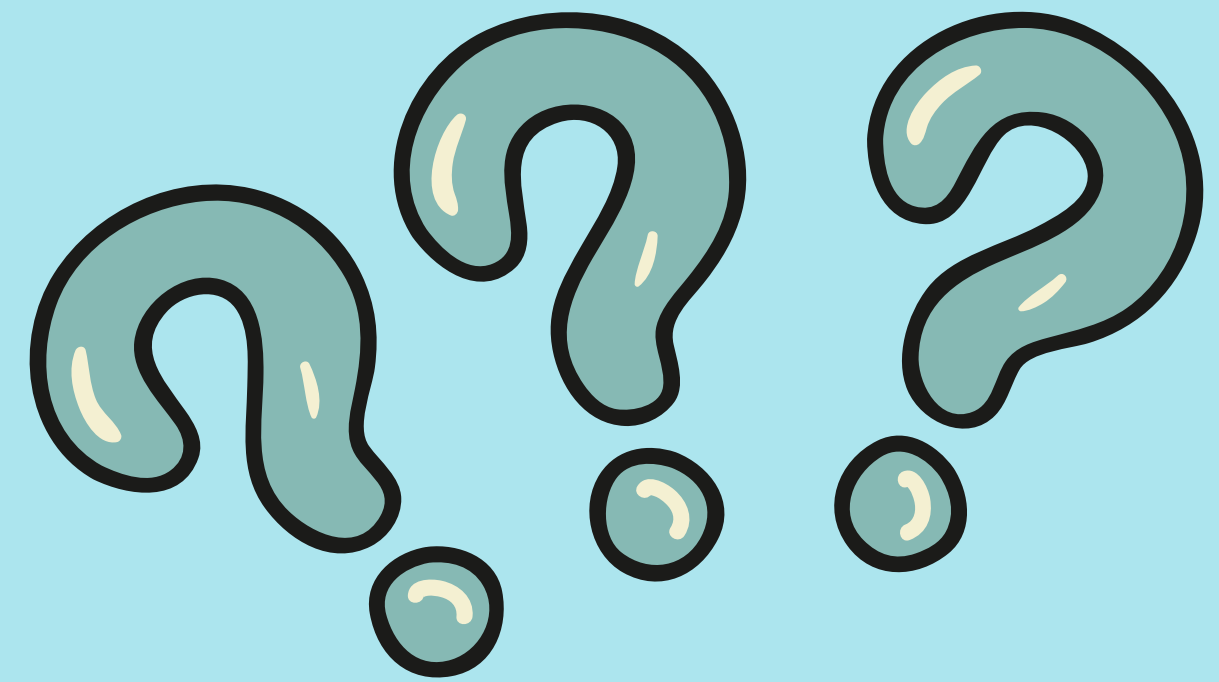
Agorapulse Review 2019 - Full



Problem Statement :



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PROPOSED
SOLUTION

KTV: KNOW THE VIDEO

This chrome extension allows the user to receive data about the desired video as to how helpful it is and whether it is worth devoting the time



The KTV uses the **Comments** as a mean to get the average review of how the viewers felt after watching it and what all aspect it covers.

Firstly, the data fetched from the comments is classified into *Positive*, *Negative* and *Neutral* and a proportional data is displayed.

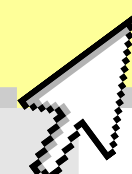


Core Components:

1. Data Collection: Fetching comments using the YouTube API.
2. Sentiment Analysis: Classifying comments using ML models (e.g., twitter-roberta-base-sentiment from Hugging Face).
3. Summary Generation: Creating summarized remarks based on all comments.
4. Keyword Extraction: Displaying important keywords from the comments.
5. Front-End Development: Building a user-friendly Chrome extension interface.



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71%
positive

22%
neutral

7%
negative

What viewers felt

Viewers say that the video is helpful but the solution differs system to system

Essential keywords

works

best explanation

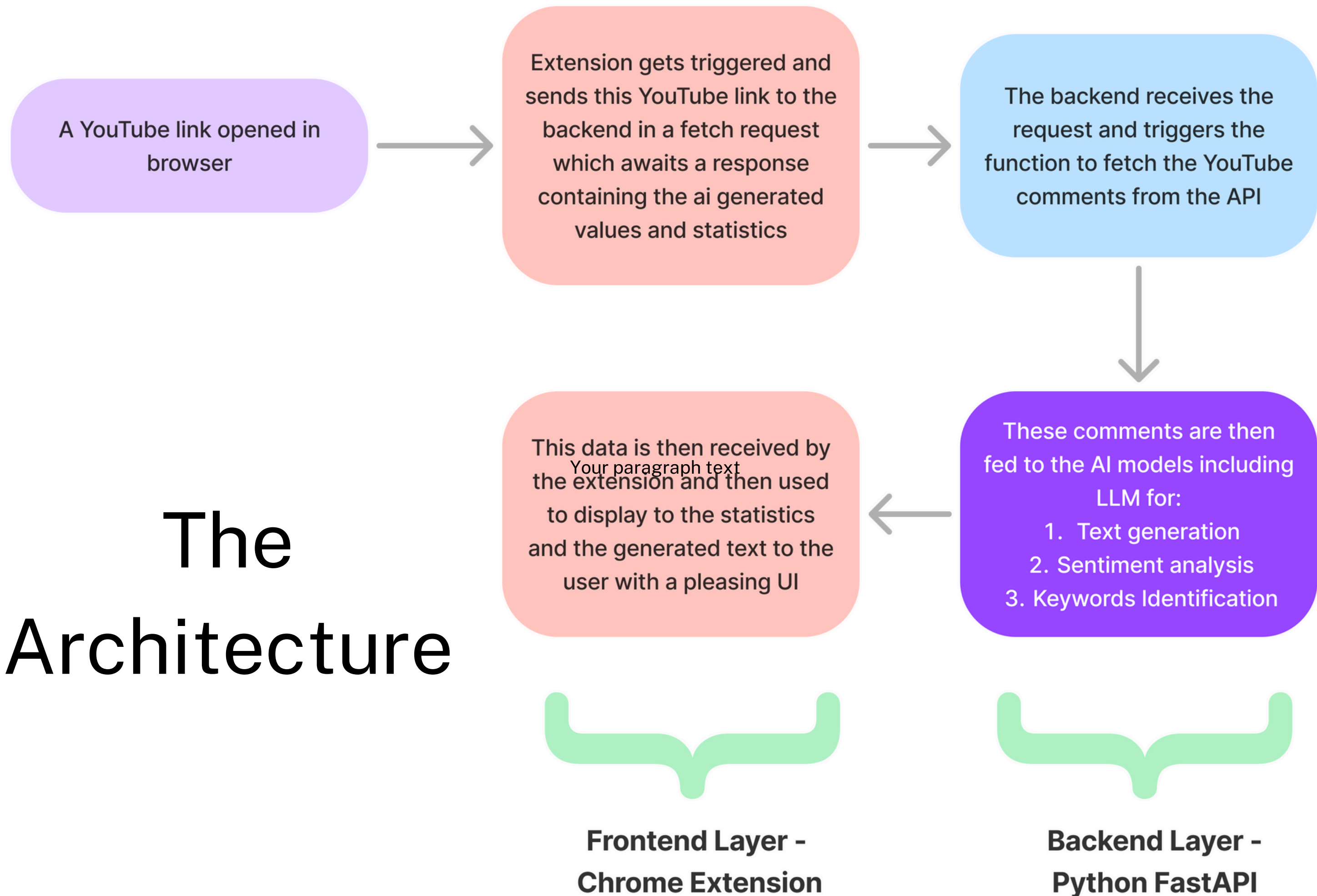
easy to follow

old

very slow

Also, a summarized remark based on all the comments is generated that gives a Highlight of what the viewers had to say
And finally, the important and essential keywords used by the viewers are displayed

The Architecture



TOOLS AND TECHNIQUES USED:

- Data fetching via YouTube api
- Extensions and API
- Machine Learning and Generative AI



Thank you!

