

YouTube interface showing a video titled "Do Things That Don't Scale" by Kai. The video is part of a series called "Personalized AI Summary with Glasp Chrome Extension". The video player shows a transcript and highlights. The transcript includes the following text:

Do Things That Don't Scale

Want to start a startup? Get funded by a VC.

July 2013

One of the most common types of advice we get at Y Combinator is to do things that don't scale. A lot of would-be founders believe that startups either take off or don't. You build something, make it available, and if you've made a better mousetrap, people beat a path to your door as promised. Or they don't, in which case the market must not exist. (1)

Actually startups take off because the founders make them take off. There may be a handful that just come by themselves, but usually it takes some sort of push to get them going. A good manager should be the catalyst that set things off before they get momentum. Once the engine is going, it would seem going, but there was a separate and obvious process to get it going.

Recruit

The most common mistake many founders have to do at the start is to recruit users manually. Really all startups have to do is get a few users to come to you. You have to get just a few. (2)

Stripe is one of the most successful startups we've funded, and the problem they solved was an urgent one. If anyone could have got back and worked for years, it was Stripe. But in Dec they're famous within VC for aggressive early user acquisition.

Startup building things for other startups have a big pool of potential users. In the early computer world, and more recently, building things for other startups. (3) VC will take the system.

When founders ask, "How can I get my first 100 users?" and the answer is, "Recruit." (4)

But for a startup to succeed, at least one founder usually has to spend a lot of time on sales and marketing.

There are two ways to succeed. One is a combination of ideas and sales. (5)

But for a startup to succeed, at least one founder usually has to spend a lot of time on sales and marketing.

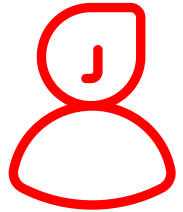
00:00 hi uh thank you for watching the video today I'm going to show you how to use AI power summary with graph so we provide your browser extension and once you install it you are ready to play it and capture whatever you you resonate with on the web and when you come after sending interesting idea any quote let's check it in the text and you will see the pop-up and you can choose any colors you want and based on the preference then once you highlight you can see all your highlighted notes on the sidebar then once you finish highlighting and

00:34 leaving notes and you can click the view area summary and it will give you the A8 power summary based on your learning like a highlight and notes and and so it's Unique to you and you can copy it to the and paste it into your note taking apps notion obsidian no message or you can tweet it if you want since we have a email

# Youtube Video Summarizer Presentation

An introduction to a tool that can automatically summarize Youtube videos using transcript analysis.

# Youtube's Global Command



**YouTube has over 2 billion monthly users**

YouTube is the second most visited website on the internet



**Users watch 1 billion hours of YouTube videos daily**

This accounts for around 5 billion videos being watched per day



**YouTube app has over 10 billion installs on Android**

This is more installs than the entire world population

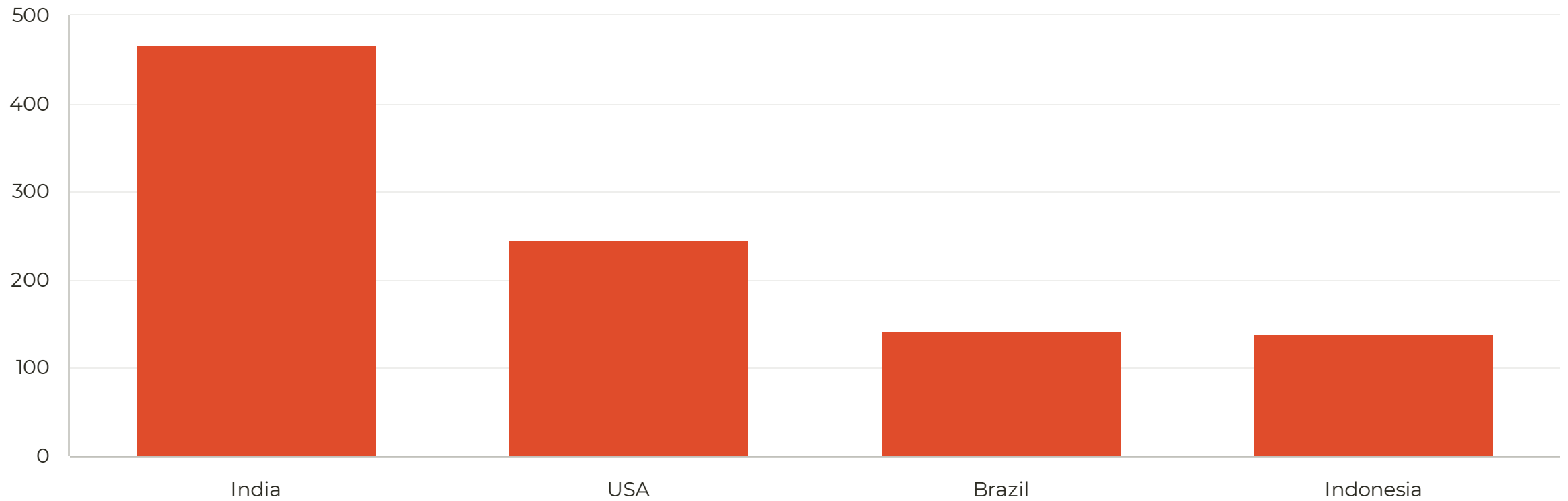


**T-Series has over 205 million YouTube subscribers**

The most subscribers of any channel on the platform

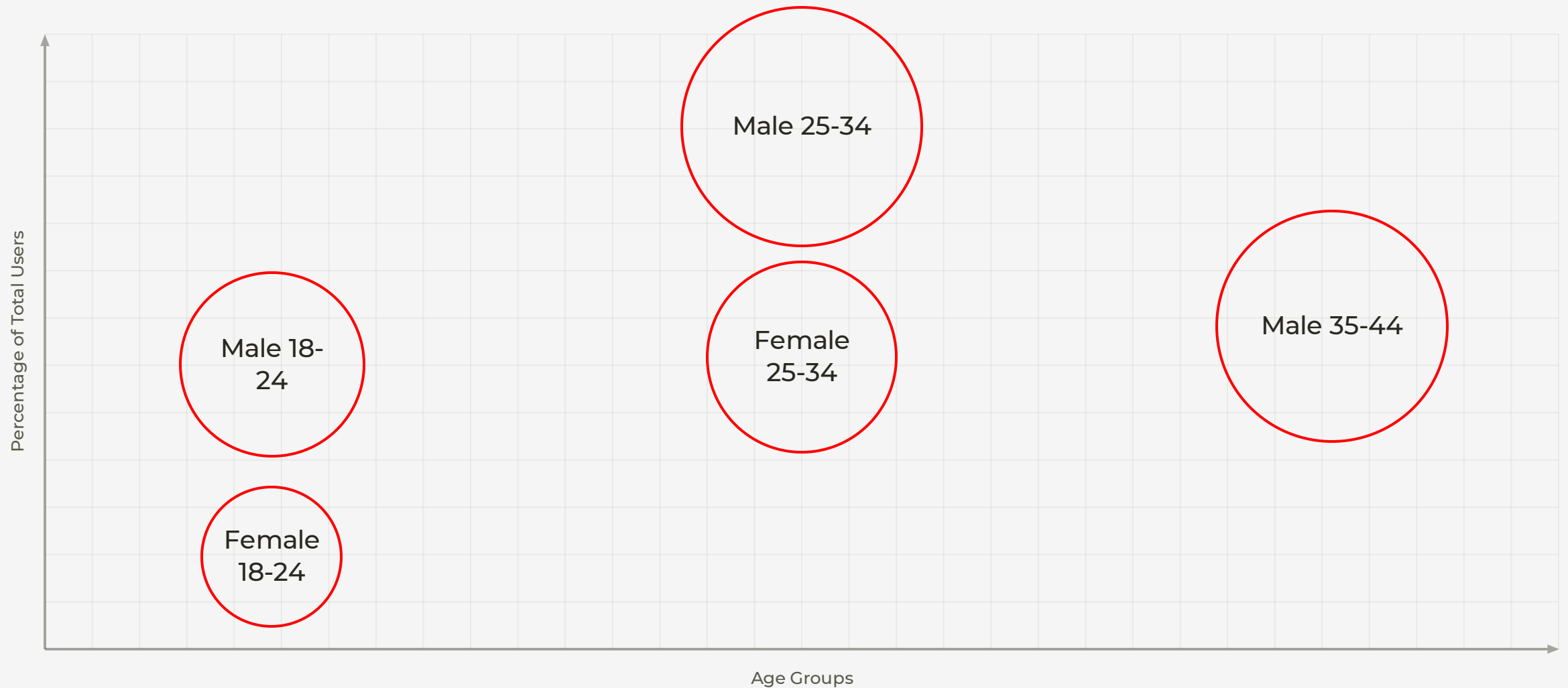
**YouTube dominates online video streaming with billions of users and hours watched daily**

# Active YouTube Users by Country

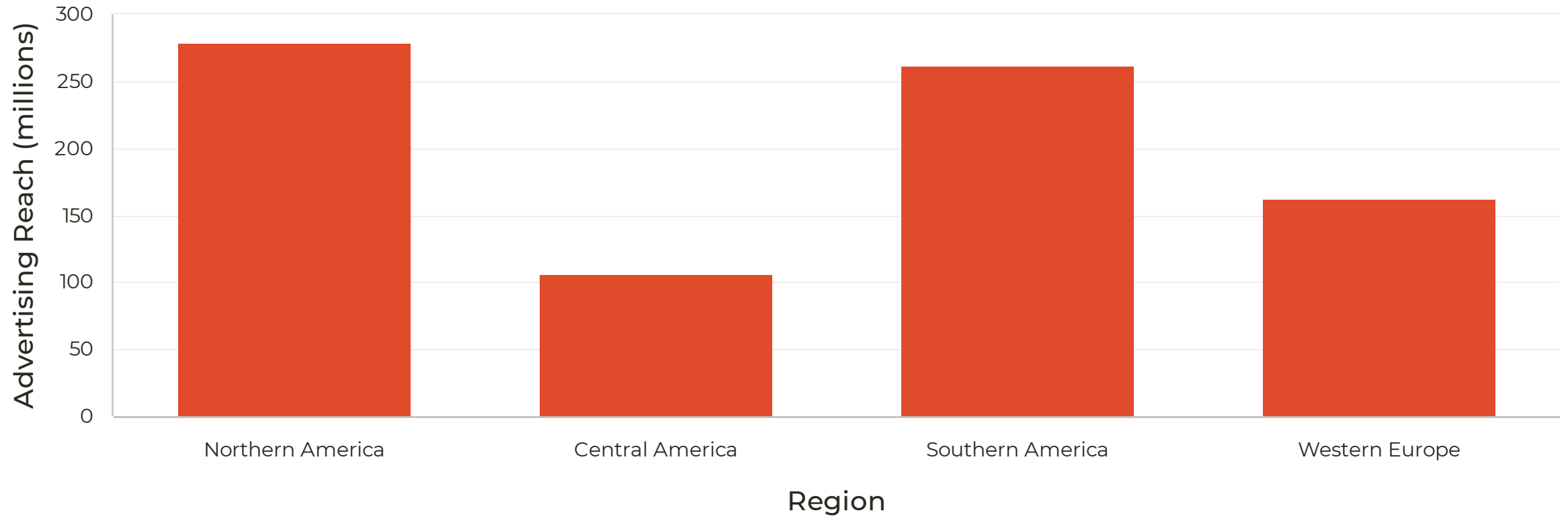


India has the most active YouTube users.

# YouTube User Demographics

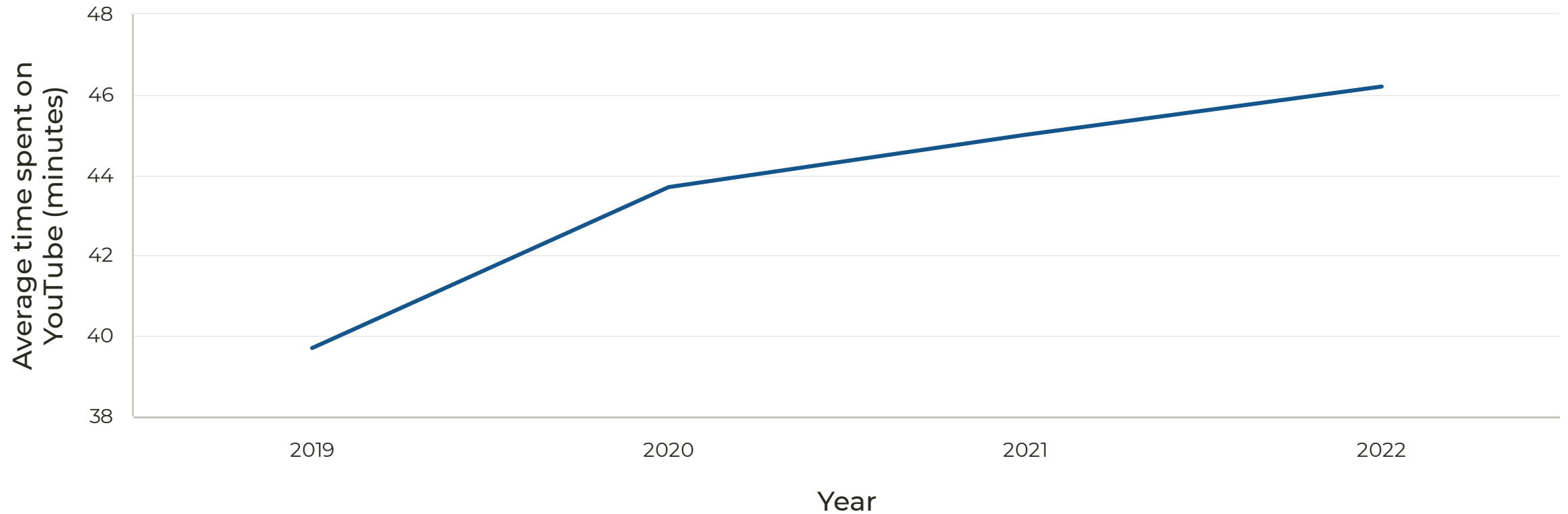


# YouTube Advertising Reach by Region



YouTube has a significant advertising reach across all regions.

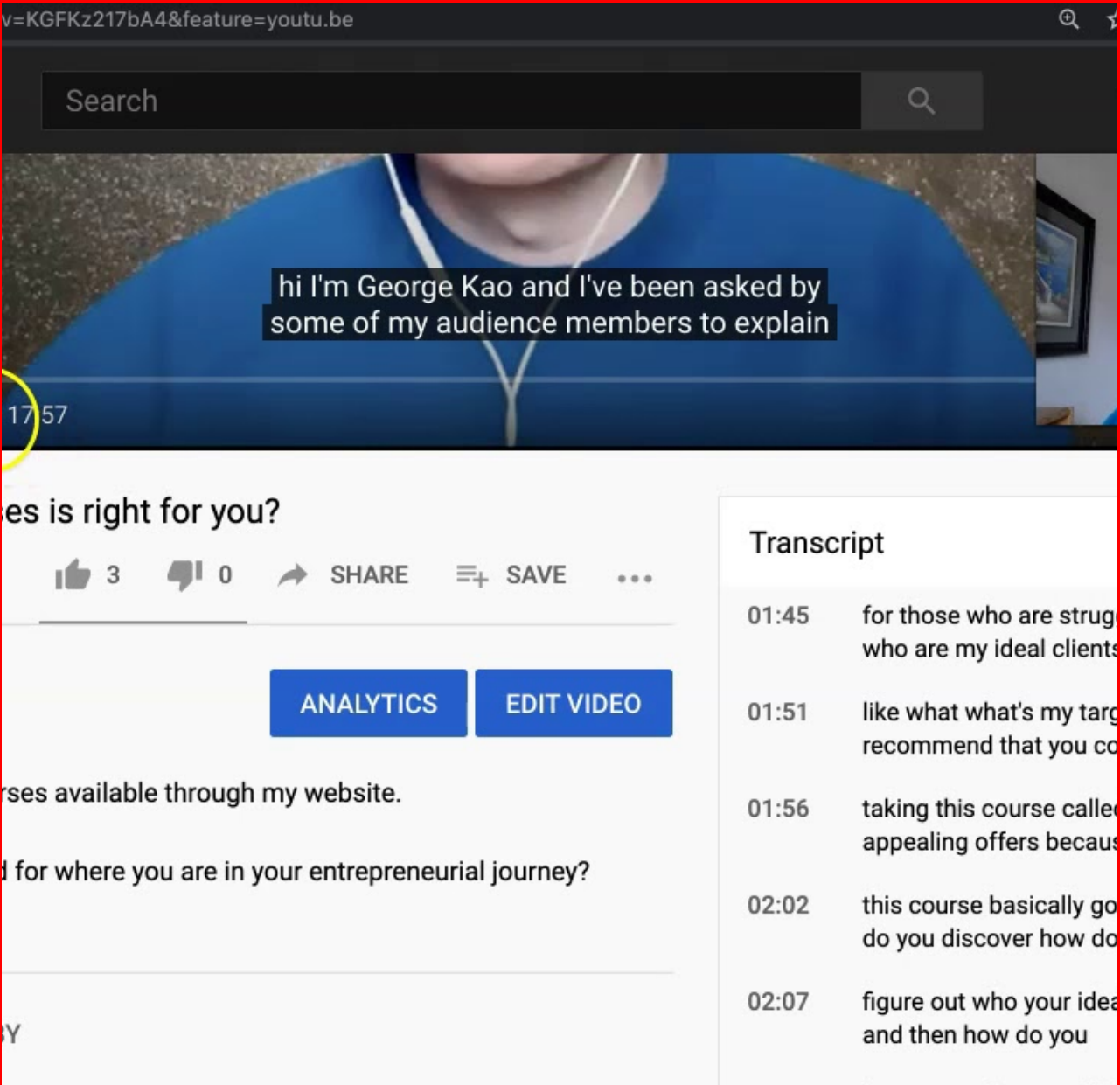
# Average Time Spent on YouTube



The average time spent on YouTube has steadily increased from 2019 to 2022.

# Fetching Video Transcripts

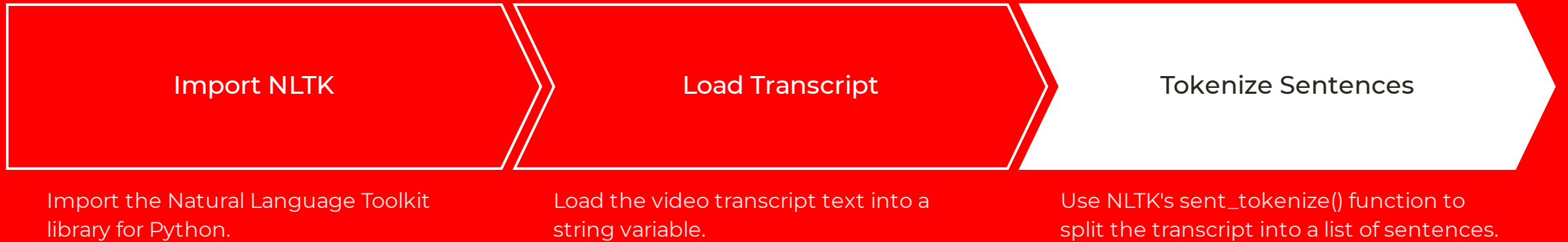
The YouTube API allows us to seamlessly retrieve video transcripts based on a provided URL or video ID. This automation eliminates the need to manually find and copy transcripts.



The screenshot shows a YouTube video player interface. At the top, there is a search bar with the text "Search". Below the search bar, the video player shows a person wearing a blue shirt. A transcript overlay is visible on the video, reading: "hi I'm George Kao and I've been asked by some of my audience members to explain". The video player controls show a progress bar at 17:57. Below the video player, there are buttons for "ANALYTICS" and "EDIT VIDEO". To the right of the video player, there is a "Transcript" section with a list of timestamps and corresponding text:

Timestamp	Text
01:45	for those who are struggling who are my ideal clients
01:51	like what what's my target recommend that you do
01:56	taking this course called appealing offers because
02:02	this course basically goes do you discover how do
02:07	figure out who your ideal and then how do you

# Sentence Tokenization





# Key Sentence Extraction



1 Sentence Significance Scoring

2 Contextual Relevance Filtering

3 Semantic Similarity Clustering

4 Top n Sentence  
Extraction

# Concise Summary Creation



# Effortless Video Transcript Extraction



## Leverages YouTube API

Uses YouTube API to retrieve transcripts for any video



## Seamless integration

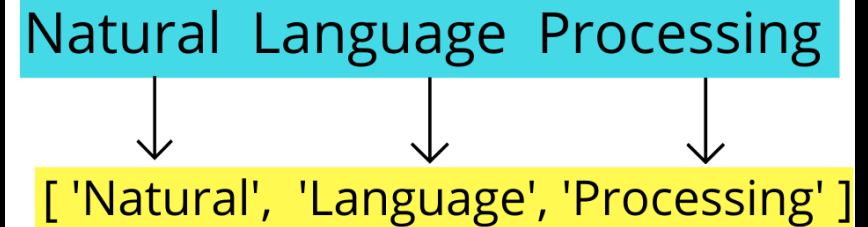
Transcripts fetched directly from YouTube with minimal effort

Effortlessly extracts transcripts by integrating with YouTube API

# NLTK Sentence Tokenization

The Natural Language Toolkit (NLTK) is a powerful Python library for natural language processing. We use NLTK's sentence tokenizer to break down the YouTube video transcripts into individual sentences. This prepares the transcripts for further analysis and summarization.

## Tokenization



# Summarization Process

- **Sentence Tokenization**

Break down transcripts into individual sentences using NLTK's powerful tokenization capabilities

- **Key Sentence Extraction**

Identify the most significant sentences in the transcript using NLTK's extractive summarization techniques

- **Summary Generation**

Carefully combine extracted key sentences to create a concise yet informative summary

# In a Nutshell



## Word Frequency Counting

Iterates through each word, ignoring common words, and counts word frequency



## Normalization

Divides frequencies by max value to balance word weights



## Sentence Scoring

Iterates through sentences, adding word frequencies to get sentence scores



## Summary Creation

Extracts top scoring sentences to form 30% length summary

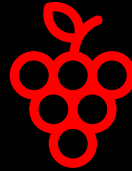
Key steps are counting word frequency, normalizing weights, scoring sentences, and extracting top sentences for the summary.

# Purpose



## Unlocking knowledge efficiently

YouTube summarizer allows viewers to quickly understand key information in videos



## Promoting inclusivity and engagement

The summarizer accommodates different learning styles and attention spans, increasing video engagement



## Shaping content consumption

Summaries break language barriers and make videos more accessible globally

Summaries unlock key points quickly, catering to viewers with limited time or those seeking specific information within lengthy videos.