

CLUB REPORT

TEAM: Codespy

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PROBLEM STATEMENT:

Extracting comments from YouTube for a specified account using Python.

PROCESS:

The screenshot shows the Google Cloud Marketplace interface. A modal window is open over a background page. The modal title is "YouTube Data API v3". It features a play button icon and the text "Google". Below this, a description states: "The YouTube Data API v3 is an API that provides access to YouTube data, such as videos, playlists,...". There are two buttons at the bottom: "ENABLE" and "TRY THIS API". The background page has tabs for "OVERVIEW", "DOCUMENTATION", "SUPPORT", and "RELATED PRODUCTS". The "OVERVIEW" tab is selected. The "Additional details" section includes: Type: SaaS & APIs, Last product update: 7/22/22, Category: YouTube, Service name: youtube.googleapis.com.

The screenshot shows the Google Cloud API/Service Details page for the YouTube Data API v3. The left sidebar lists "Enabled APIs & services" with "Library" selected. The main content area displays the "API/Service Details" for "YouTube Data API v3". It includes a note: "To use this API, you may need credentials." and a "CREATE CREDENTIALS" button. Below this is a summary table with columns: Service name (youtube.googleapis.com), Type (Public API), and Status (Enabled). At the bottom, there are tabs for "METRICS", "QUOTAS", and "CREDENTIALS". The "METRICS" tab is active, showing a graph titled "Select Graphs" with "4 Graphs" available. Filter options include "Versions" (v1 and v3), "Credentials" (Unspecified, Anonymous, ...), and "Methods" (87 options selected). Time ranges from 1 hour to 30 days are shown at the top of the metrics section.

Google Cloud My First Project you tube api

API API & Services API/Service Details DISABLE API

Enabled APIs & services Service name youtube.googleapis.com Type Public API Status Enabled

LEARN MORE TRY IN API EXPLORER MAINTENANCE & SUPPORT

METRICS QUOTAS CREDENTIALS + CREATE CREDENTIALS DELETE

Credentials compatible with this API

To view all credentials visit [Credentials in APIs & Services](#)

⚠ Remember to configure the OAuth consent screen with information about your application.

CONFIGURE CONSENT SCREEN

API Keys

Name	Creation date	Restrictions	Actions
No API keys to display			

OAuth 2.0 Client IDs

Name	Creation date	Type	Client ID	Actions
No OAuth clients to display				

Google Cloud My First Project you tube api

API API & Services API/Service Details DISABLE API

Enabled APIs & services Service name youtube.googleapis.com Type Public API Status Enabled

LEARN MORE TRY IN API EXPLORER MAINTENANCE & SUPPORT

METRICS QUOTAS CREDENTIALS + CREATE CREDENTIALS DELETE

Credentials compatible with this API

To view all credentials visit [Credentials in APIs & Services](#)

⚠ Remember to configure the OAuth consent screen with information about your application.

CONFIGURE CONSENT SCREEN

API key created

Use this key in your application by passing it with the `key=API_KEY` parameter.

Your API key A1zaSyAorvrz1Zs4gwCMGvBCGA1upNnH8ENBdrM

Copy to clipboard

⚠ This key is unrestricted. To prevent unauthorized use, we recommend restricting where and for which APIs it can be used. [Edit API key to add restrictions](#). Learn more

CLOSE

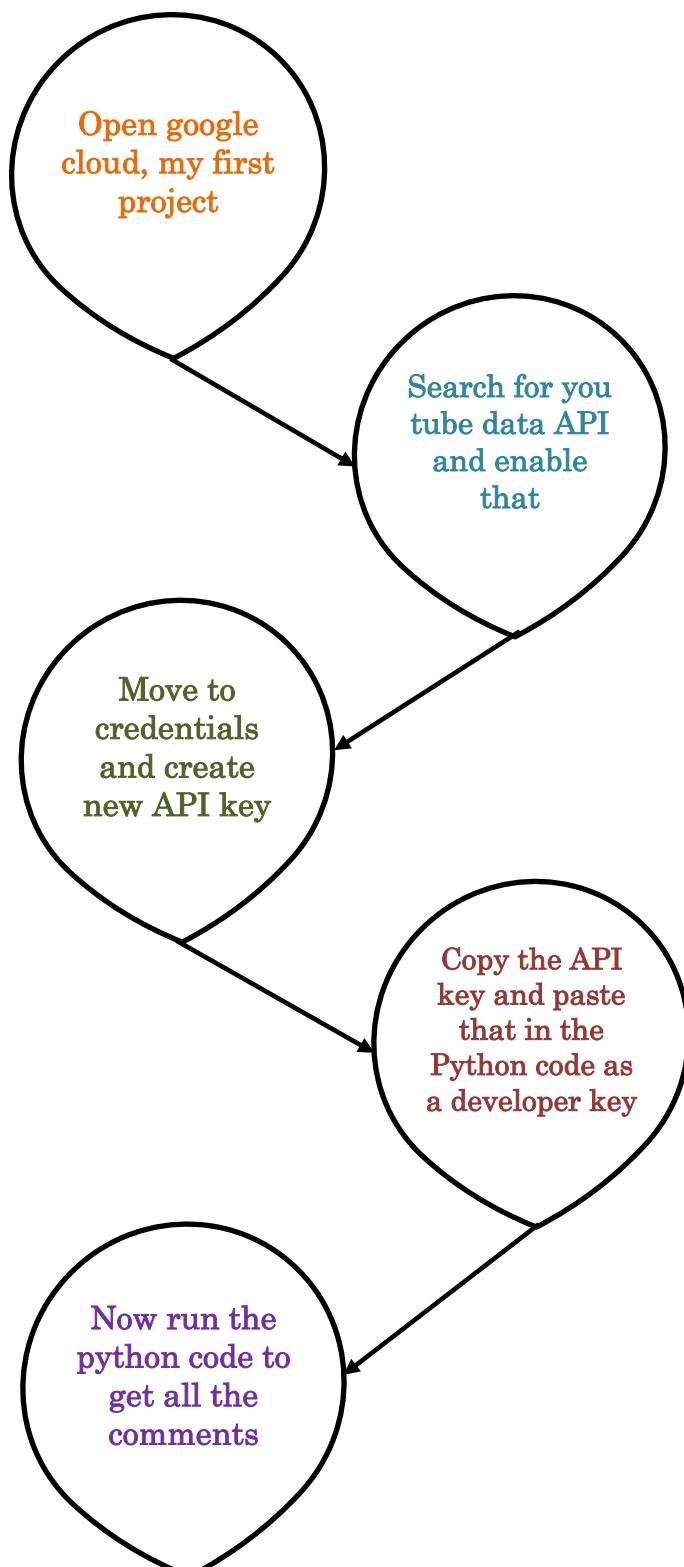
API Keys

Name	Creation date	Restrictions	Actions
API key 1	Dec 14, 2023	None	Show Key

OAuth 2.0 Client IDs

Name	Creation date	Type	Client ID	Actions
No OAuth clients to display				

FLOWCHART:



CODE:

Pull comments-

```
# Import the necessary modules from the googleapiclient library

import googleapiclient.discovery
import googleapiclient.errors

# Set the API service name, API version, and developer key

api_service_name = "youtube"
api_version = "v3"
DEVELOPER_KEY = "AIzaSyAorvzr1Zs4gwcMGv0CGAIupNbH8ENBdrM"

    api_service_name, api_version, developerKey=DEVELOPER_KEY)

# Create a request to list comment threads for a specific video (in
this case, video with ID "QKMTreKTpug")

# Specify the part to include in the response (here, only "snippet")
and set the maximum number of results to 100

request = youtube.commentThreads().list(
    part="snippet",
    videoId="QKMTreKTpug",
    maxResults=100
)

# Execute the request and store the response in the 'response' variable

response = request.execute()
```

OUTPUT:

Time to put Singer's name first in title of the song, actors have nothing to do with the song Hey kal dekh aya movie,tujhe yd karte karte so gaya, yeh gana aaya aur tera ydd v 😢 😊

When is Animal movie coming? Please tell me in my comment friends. I will watch it no matter how much money it costs. Friends, I am an old friend of Bobby Deol.,,,,♥

For those who lost somebody special before this is for them ♥♥

Arijit is Arijit ♥♥

Listening to this song on repeat can't get over such a beautiful mesmerizing song 🎵

Best 🎵 Song Of Animal

♥♥♥♥♥ i love you plaboni das ♥♥♥♥♥♥♥♥♥ tum meri heartbeat ho This song and a drive in long never ending highway will be perfect.

Jitne like aayenge itni baar sununga is song ko

Song is fabulous ❤ without video killing this song that's why tripti is highlighting also she is beautiful Deepika Padukone can also make this song beautiful ❤

I wish the entire song could be calm & soothing like the first verse

kep ❤

This is not just a song; its an experience. Thank you, Vishal Mishra. This song should not be underrated, its a masterpiece

One of the masterpiece song has been sang by Vishal Mishra after kaise hua(Kabir Singh) hats off to him as well as lyricist ❤️❤️❤️❤️❤️❤️❤️❤️❤️❤️

❤

The experience of this song in the theatre was so beautiful man. It was intimate but my god Tripti took away my heart with her beauty

Mind blowing ❤

Full video upload karo 😊😊😊

This song is too touching. Before you know it, you are already addicted to it with the lyrics and beats soaked in your soul

Vishal Mishra best singer in Bollywood

Here for Vishal Mishra♥

Soul-stirring melodious voice and son..

Finally a new song which can be added to my playlist

Those who haven't watched the movie can't understand what emotions & intensity this song holds.
Cinematic Experience of this song will forever be longed by those who miss it.

Bhabhi 2 Trupti Dhimri is looking very good in this movie ❤️❤️❤️

The experience of this song in the theatre was so beautiful man. It was intimate but my god Tripti took away my heart with her beaut

This song just touches the core of my heart
This picturization in this song is amazing.
But the betrayal was something that was unnecessary. Trupti and RK had a great chemistry tho..

Bhabhi 1 song is good 😍 but
Bhabhi 2 song is emotion 😊❤️😍

I am 🌸🌸🌸 youtube

Forgot about those scenes...but his voice is peace 😊

This song is too touching. Before you know it, you are already addicted to it with the lyrics and beats soaked in your soul

Finally a new song which can be added to my playlist Sung
beautifully with amazing music score.

Those who haven't watched the movie can't understand what emotions & intensity this song holds.
Cinematic Experience of this song will forever be longed by those who miss it.

Soul-stirring melodious voice and son..

The fact that vishal himself composed this is just wow

Best song of this album.. Playing in loop. Want to listen more and more from Vishal Mishra. 10 times this day Just outstanding ❤️🎸

This is not just a song; its an experience. Thank you, Vishal Mishra. Soul-stirring melodious voice and son..

I dont know about the movie but i came here just because of v mishra ❤️ Legends knows why this song video is not in YouTube 😊😊

Vishal Mishra is undoubtedly a legendary singer and real Rockstar... Mid Night++ This Song= Best Felling Ever

Goosebumps ❤️

Best song of this album.. Playing in loop. Want to listen more and more from Vishal Mishra. Theater experience was Extraordinary.

This song should not be underrated, its a masterpiece

This song is too touching. Before you know it, you are already addicted to it with the lyrics and beats soaked in your soul

The experience of this song in the theatre was so beautiful man. It was intimate but my god Tripti took away my heart with her beaut

Instantly become my favourite song
Love this song
Theater experience is amazing Soul stirring melodious voice and son..

Instantly become my favourite song
Love this song
Theater experience is amazing

The on screen experience of this song was so soothing with Tripti and Ranbir beautiful chemistry and Vishal Mishra is a gen

<a href="<https://www.youtube.com/watch?v=QKMTreKTpug&t=1m28s>">1:28 best part After Murder 2 this song just touches your heart and punctures it...

I literally listened this song more than 100 times.Soo amazing song and it is masterpiece ❤️❤️❤️

After his father's death he rised in the industry like a great superstar. Now, we can see the maturity and power of his acting 😊😊❤️❤️

I love this movie ang songs are mind blowing ❤️❤️

✿ ☺ ☺ ❤️

I have covered this beautiful song on my channel, do have a look

Thumbnail : 4 cut aatmaram

Movie vala nhi hai movie extended tha that part was so beautiful

❤️❤️

Vishal ❤️

Very beautiful composition... Heart touching

Obsessed with this song ❤️❤️❤️

Those who have listen this song are very lucky men in the world 🌟 ❤️ ❤️ ❤️

Vishal misra ki voice akdam Atif Aslam ki tarah mil Mila lo ❤️❤️❤️

Bhabhi 2 OSM 💧

This song music is ver similar to "Kaise hua" from Kabir Singh TBH it was ver inappropriate placed in the movie. If the protagonist had no feelings for the girl then why the hell was such an emotional and romantic track played in the background throughout the scene? I mean this movie was so full of misogyny and ill treatment of women that it should not have been passed by the censor board. God knows who all are sitting at the top and making stupid decisions?

Masterpiece ⚡️

When it comes to audio, singer's name should be written in the first place after the song's nameawesome song by Vishal once again ❤️

Kon kon reels dekh kar aaya hai song sunne ke liye wo like kare❤️❤️

❤️

I missed someone after listening to this song ❤️

And my name is also vishal

Ranbir's chemistry with Tripti was much more powerful than Rasmika

Instantly become my favourite song
Love this song
Theater experience is amazing its the most beautiful song in the last month of the year

@NG ❤

4,765 Comments

♥♥♥♥ I love Vishal Mishra ❤️🎶❤️🎶

vishal mishra ❤️❤️❤️

His voice is close to Atif Aslam but doesn't have that depth

I love this song in Telugu better than Hindi tq sriram sir for this beautiful lyrics 🎤

♥️♥️♥️♥️♥️♥️♥️♥️

Vishal sir ❤️

Listen this song many times but still want to listen again and again ❤️

It's a gem

Vishal mishra did superb job in this song in starting his voice resembled like atif aslam...

i wouldnt have listen to this song had i not seen /heard in the movie.. the intensity in the visual and this together created a very emotional enviroment... there are heaps of songs with similar style/composing..but the emotions from the movie it whats takes this to another level

Ranjan mathur

Loved it ❤️

❤️Telugu version ❤️❤️❤️

Background music... awesome
Costume design... good
Songs ... very good
Acting ... awesome

Story ... ZERO

CODE TEXT:

Output as Pandas Data Frame-

```
# Import the necessary modules from the googleapiclient library

import googleapiclient.discovery
import pandas as pd

# Set the API service name, API version, and developer key

api_service_name = "youtube"
api_version = "v3"

DEVELOPER_KEY = "AIzaSyAorvzr1Zs4gwcMGv0CGAIupNbH8ENBdrM"

# Build a YouTube API client using the specified service name, version,
and developer key
```

```

youtube = googleapiclient.discovery.build(
    api_service_name,api_version,
    developerKey=DEVELOPER_KEY)

# Create a request to list comment threads for a specific video (inthis
case, video with ID "QKMTreKTpug")

# Specify the part to include in the response (here, only "snippet")
and set the maximum number of results to 100

request = youtube.commentThreads().list(
    part="snippet",
    videoId="QKMTreKTpug",
    maxResults=100
)

# Execute the request and store the response in the 'response' variable

response = request.execute()

# Initialize an empty list to store comments

comments = []

# Iterate through the comment threads in the response and extractrelevant
information

for item in response['items']:
comment = item['snippet']['topLevelComment']['snippet']

# Append a list of comment information to the
'comments' list

comments.append([
    comment['authorDisplayName'],
    comment['publishedAt'],
    comment['updatedAt'],
    comment['likeCount'],
    comment['textDisplay']])

```

```
# Create a pandas DataFrame from the list of comments with specified column names

df = pd.DataFrame(comments, columns=['author', 'published_at',
                                     'updated_at', 'like_count', 'text'])

# Display the first 10 rows of the DataFrame

df.head(10)
```

OUTPUT:

	author	published_at	updated_at	like_count	text
0	@hb7137	2023-12-14T08:36:07Z	2023-12-14T08:36:07Z	0	Time to put Singer's name first in title o...
1	@sujaljaiswal2038	2023-12-14T08:17:51Z	2023-12-14T08:17:51Z	0	Hey kal dekh aya movie,tujhe yd karte karte so...
2	@PrabhaNishadJaunpurMusic	2023-12-14T08:13:23Z	2023-12-14T08:13:23Z	0	When is Animal movie coming? Please tell me in...
3	@mohammedbachoo8292	2023-12-14T08:03:35Z	2023-12-14T08:03:35Z	0	For those who lost somebody special before thi...
4	@heeralalheeralal6489	2023-12-14T07:44:02Z	2023-12-14T07:44:02Z	0	Arijit is Arijit ❤️❤️
5	@priyankasingh9586	2023-12-14T07:26:50Z	2023-12-14T07:26:50Z	0	Listening to this song on repeat can't get...
6	@nisarwrites	2023-12-14T07:12:23Z	2023-12-14T07:12:23Z	0	Best 🎶 Song Of Animal
7	@rohanrouth663	2023-12-14T07:10:29Z	2023-12-14T07:10:29Z	1	❤️❤️❤️❤️❤️ i love you plaboni das ❤️❤️❤️❤️❤️❤️ tum me...
8	@mikerock9207	2023-12-14T07:02:29Z	2023-12-14T07:04:18Z	0	This song and a drive in long never ending hig...
9	@AwokeGaming	2023-12-14T06:35:28Z	2023-12-14T06:35:28Z	0	Jitne like aayenge itni baar sununga is song ko

df.head()

	author	published_at	updated_at	like_count	text
0	@hb7137	2023-12-14T08:36:07Z	2023-12-14T08:36:07Z	0	Time to put Singer's name first in title o...
1	@sujaljaiswal2038	2023-12-14T08:17:51Z	2023-12-14T08:17:51Z	0	Hey kal dekh aya movie,tujhe yd karte karte so...
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3	@mohammedbachoo8292	2023-12-14T08:03:35Z	2023-12-14T08:03:35Z	0	For those who lost somebody special before thi...
4	@heeralalheeralal6489	2023-12-14T07:44:02Z	2023-12-14T07:44:02Z	0	Arijit is Arijit ❤️❤️