

```
In [1]: pip install pytube3
```

Requirement already satisfied: pytube3 in c:\programdata\anaconda3\lib\site-packages (9.6.4)

Requirement already satisfied: typing-extensions in c:\programdata\anaconda3\lib\site-packages (from pytube3) (4.11.0)

Note: you may need to restart the kernel to use updated packages.

```
In [1]: pip install --upgrade pytube
```

Requirement already satisfied: pytube in c:\programdata\anaconda3\lib\site-packages (15.0.0)

Note: you may need to restart the kernel to use updated packages.

```
In [1]: from pytube import YouTube
```

```
In [3]: pip install yt-dlp
```

Collecting yt-dlp

Downloading yt\_dlp-2024.8.6-py3-none-any.whl.metadata (170 kB)

```
----- 0.0/170.1 kB ? eta -:--:--
-- ----- 10.2/170.1 kB ? eta -:--:--
-- ----- 10.2/170.1 kB ? eta -:--:--
----- 30.7/170.1 kB 217.9 kB/s eta 0:00:01
----- 41.0/170.1 kB 196.9 kB/s eta 0:00:01
----- 122.9/170.1 kB 514.3 kB/s eta 0:00:01
----- 170.1/170.1 kB 683.4 kB/s eta 0:00:00
```

Requirement already satisfied: brotli in c:\programdata\anaconda3\lib\site-packages (from yt-dlp) (1.0.9)

Requirement already satisfied: certifi in c:\programdata\anaconda3\lib\site-packages (from yt-dlp) (2024.7.4)

Collecting mutagen (from yt-dlp)

Downloading mutagen-1.47.0-py3-none-any.whl.metadata (1.7 kB)

Collecting pycryptodomex (from yt-dlp)

Downloading pycryptodomex-3.20.0-cp35-abi3-win\_amd64.whl.metadata (3.4 kB)

Requirement already satisfied: requests<3,>=2.32.2 in c:\programdata\anaconda3\lib\site-packages (from yt-dlp) (2.32.2)

Requirement already satisfied: urllib3<3,>=1.26.17 in c:\programdata\anaconda3\lib\site-packages (from yt-dlp) (2.2.2)

Collecting websockets>=12.0 (from yt-dlp)

Downloading websockets-13.0.1-cp312-cp312-win\_amd64.whl.metadata (6.9 kB)

Requirement already satisfied: charset-normalizer<4,>=2 in c:\programdata\anaconda3\lib\site-packages (from requests<3,>=2.32.2->yt-dlp) (2.0.4)

Requirement already satisfied: idna<4,>=2.5 in c:\programdata\anaconda3\lib\site-packages (from requests<3,>=2.32.2->yt-dlp) (3.7)

Downloading yt\_dlp-2024.8.6-py3-none-any.whl (3.1 MB)

```
----- 0.0/3.1 MB ? eta -:--:--
--- ----- 0.3/3.1 MB 8.9 MB/s eta 0:00:01
----- 1.3/3.1 MB 16.0 MB/s eta 0:00:01
----- 2.4/3.1 MB 17.3 MB/s eta 0:00:01
----- 3.1/3.1 MB 18.1 MB/s eta 0:00:01
----- 3.1/3.1 MB 15.4 MB/s eta 0:00:00
```

Downloading websockets-13.0.1-cp312-cp312-win\_amd64.whl (152 kB)

```
----- 0.0/152.2 kB ? eta -:--:--
----- 152.2/152.2 kB 9.5 MB/s eta 0:00:00
```

Downloading mutagen-1.47.0-py3-none-any.whl (194 kB)

```
----- 0.0/194.4 kB ? eta -:--:--
----- 194.4/194.4 kB ? eta 0:00:00
```

Downloading pycryptodomex-3.20.0-cp35-abi3-win\_amd64.whl (1.8 MB)

```
----- 0.0/1.8 MB ? eta -:--:--
----- 1.0/1.8 MB 32.0 MB/s eta 0:00:01
----- 1.8/1.8 MB 28.2 MB/s eta 0:00:01
----- 1.8/1.8 MB 18.8 MB/s eta 0:00:00
```

Installing collected packages: websockets, pycryptodomex, mutagen, yt-dlp

Successfully installed mutagen-1.47.0 pycryptodomex-3.20.0 websockets-13.0.1 yt-dlp-2024.8.6

Note: you may need to restart the kernel to use updated packages.

```
In [5]: link=input("Enter youtube video")
        yt = YouTube(link)
```

```
In [7]: print("Title:",yt.title)
        print("Views:",yt.views)
        print("Duration:",yt.length)
        print("Description:",yt.description)
        print("Ratings:",yt.rating)
```

Title: That's the Dream (From "Luca")  
Views: 1424319  
Duration: 129  
Description: None  
Ratings: None

```
In [12]: from yt_dlp import YoutubeDL

download_option = input("Do you want to download this video? (yes/no): ").lower()

if download_option == "yes":
    url = 'https://www.youtube.com/watch?v=BxmSOTHVE8g'
    ydl_opts = {'format': 'best'}
    with YoutubeDL(ydl_opts) as ydl:
        print("Downloading...")
        ydl.download([url])
        print("Download completed.")
else:
    print("Download aborted.")
```

Downloading...

[youtube] Extracting URL: https://www.youtube.com/watch?v=BxmSOTHVE8g

[youtube] BxmSOTHVE8g: Downloading webpage

[youtube] BxmSOTHVE8g: Downloading ios player API JSON

[youtube] BxmSOTHVE8g: Downloading web creator player API JSON

[youtube] BxmSOTHVE8g: Downloading player 3abab6ef

[youtube] BxmSOTHVE8g: Downloading m3u8 information

[info] BxmSOTHVE8g: Downloading 1 format(s): 18

[download] Destination: Dan Romer - That's the Dream (From " Luca ") [BxmSOTHVE8g].mp4

[download] 100% of 5.59MiB in 00:00:01 at 3.08MiB/s

Download completed.

```
In [14]: import os
os.getcwd()
```

Out[14]: 'C:\\Users\\Swapnil Rajbhar'

In [ ]:

In [ ]: