

```
print('Welcome To data Science')
```

```
→ Welcome To data Science
```

```
pip install pytube3
```

```
→ Requirement already satisfied: pytube3 in /usr/local/lib/python3.10/dist-packages (9.6.4)
Requirement already satisfied: typing-extensions in /usr/local/lib/python3.10/dist-packages (from pytube3) (4
```

```
pip install --upgrade pytube
```

```
→ Requirement already satisfied: pytube in /usr/local/lib/python3.10/dist-packages (15.0.0)
```

```
from pytube import YouTube
```

```
pip install yt_dlp
```

```
→ Collecting yt_dlp
  Downloading yt_dlp-2024.8.6-py3-none-any.whl.metadata (170 kB)
    _____ 170.1/170.1 kB 3.4 MB/s eta 0:00:00
Collecting brotli (from yt_dlp)
  Downloading Brotli-1.1.0-cp310-cp310-manylinux_2_5_x86_64.manylinux1_x86_64.manylinux_2_12_x86_64.manylinux
Requirement already satisfied: certifi in /usr/local/lib/python3.10/dist-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-manylinux_2_17_x86_64.manylinux2014_x86_64.whl.metadata (3.4 kB)
Requirement already satisfied: requests<3,>=2.32.2 in /usr/local/lib/python3.10/dist-packages (from yt_dlp) (
Requirement already satisfied: urllib3<3,>=1.26.17 in /usr/local/lib/python3.10/dist-packages (from yt_dlp) (
Collecting websockets>=12.0 (from yt_dlp)
  Downloading websockets-13.0.1-cp310-cp310-manylinux_2_5_x86_64.manylinux1_x86_64.manylinux_2_17_x86_64.many
Requirement already satisfied: charset-normalizer<4,>=2 in /usr/local/lib/python3.10/dist-packages (from requ
Requirement already satisfied: idna<4,>=2.5 in /usr/local/lib/python3.10/dist-packages (from requests<3,>=2.3
Downloading yt_dlp-2024.8.6-py3-none-any.whl (3.1 MB)
    _____ 3.1/3.1 MB 42.6 MB/s eta 0:00:00
Downloading websockets-13.0.1-cp310-cp310-manylinux_2_5_x86_64.manylinux1_x86_64.manylinux_2_17_x86_64.manyli
    _____ 157.3/157.3 kB 11.7 MB/s eta 0:00:00
Downloading Brotli-1.1.0-cp310-cp310-manylinux_2_5_x86_64.manylinux1_x86_64.manylinux_2_12_x86_64.manylinux20
    _____ 3.0/3.0 MB 73.3 MB/s eta 0:00:00
Downloading mutagen-1.47.0-py3-none-any.whl (194 kB)
    _____ 194.4/194.4 kB 15.1 MB/s eta 0:00:00
Downloading pycryptodomex-3.20.0-cp35-abi3-manylinux_2_17_x86_64.manylinux2014_x86_64.whl (2.1 MB)
    _____ 2.1/2.1 MB 68.1 MB/s eta 0:00:00
Installing collected packages: brotli, websockets, pycryptodomex, mutagen, yt_dlp
Successfully installed brotli-1.1.0 mutagen-1.47.0 pycryptodomex-3.20.0 websockets-13.0.1 yt_dlp-2024.8.6
```

```
link= input('enter the link of youtube video')
```

```
yt= YouTube(link)
```

```
→ enter the link of youtube videohttps://www.youtube.com/watch?v=E66Ppq30UGc
```

```
print("title :",yt.title)
print("views :",yt.views)
print("rating :",yt.rating)
print("length :",yt.length)
print("description :",yt.description)
print("author :",yt.author)
print("thumbnail :",yt.thumbnail_url)
print("publish :",yt.publish_date)
```

```
→ title : iPhone 16 First Look - Apple Event on 9th Sep🔥🔥🔥
views : 807447
rating : None
```

```

length : 373
description : None
author : Technical Guruji
thumbnail : https://i.ytimg.com/vi/E66Ppq30UGc/hq720.jpg
publish : 2024-08-27 00:00:00

```

```

from yt_dlp import YoutubeDL
download = input("Do you want to download this vedio? (yes/no):").lower()
if Download == "yes":
    url= 'https://www.youtube.com/watch?v=E66Ppq30UGc'
    ydl_opts={'formats':'bestvideo[ext=mp4]+bestaudio[ext=m4a]/best[ext=mp4]/best'}
    with YoutubeDL(ydl_opts) as ydl:
        ydl.download([url])
        print("downloading...")
        print("Download completed.")
else:
    print("Download aborted.")

```

```

🔗 Do you want to download this vedio? (yes/no):yes
[youtube] Extracting URL: https://www.youtube.com/watch?v=E66Ppq30UGc
[youtube] E66Ppq30UGc: Downloading webpage
[youtube] E66Ppq30UGc: Downloading ios player API JSON
[youtube] E66Ppq30UGc: Downloading web creator player API JSON
[youtube] E66Ppq30UGc: Downloading player 57c75fa4
[youtube] E66Ppq30UGc: Downloading m3u8 information
[info] E66Ppq30UGc: Downloading 1 format(s): 313+251
[download] Destination: iPhone 16 First Look - Apple Event on 9th Sep🔥🔥🔥 [E66Ppq30UGc].f313.webm
[download] 100% of 380.96MiB in 00:00:11 at 34.56MiB/s
[download] Destination: iPhone 16 First Look - Apple Event on 9th Sep🔥🔥🔥 [E66Ppq30UGc].f251.webm
[download] 100% of 5.61MiB in 00:00:00 at 8.85MiB/s
[Merger] Merging formats into "iPhone 16 First Look - Apple Event on 9th Sep🔥🔥🔥 [E66Ppq30UGc].webm"
Deleting original file iPhone 16 First Look - Apple Event on 9th Sep🔥🔥🔥 [E66Ppq30UGc].f313.webm (pass -k t
Deleting original file iPhone 16 First Look - Apple Event on 9th Sep🔥🔥🔥 [E66Ppq30UGc].f251.webm (pass -k t
downloading...
Download completed.

```

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