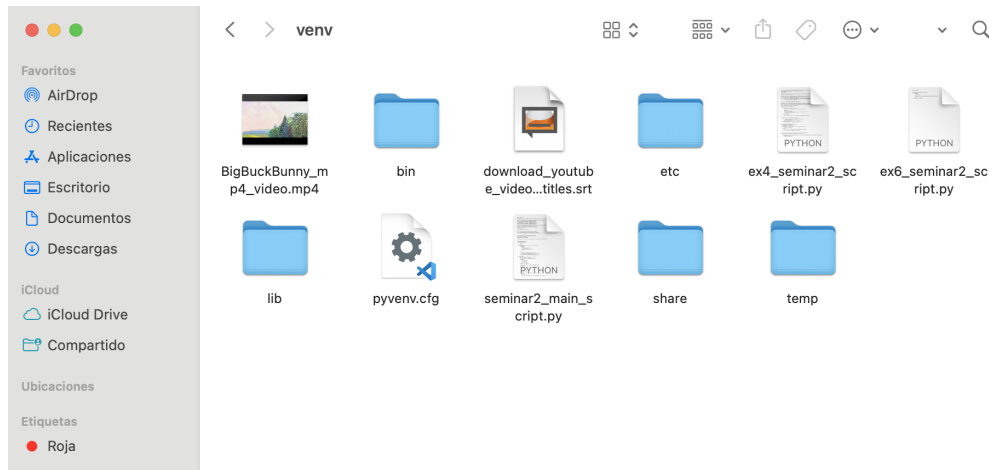


## IMPORTANT SEMINAR 2

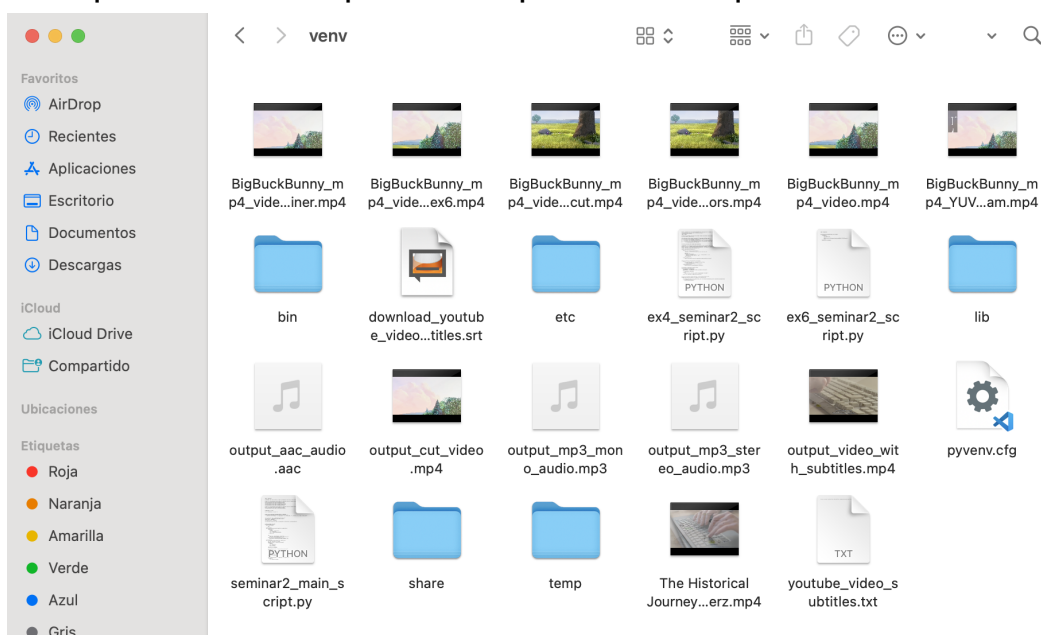
La configuració d'aquest seminari és la mateixa que el lab 1 i lab 2 (python a PyCharm).

Aquesta és la carpeta inicialment (sense executar).



Recalcar que per a l'execució correcta de l'arxiu “seminar\_2\_main\_script.py” s'ha de tenir dins la carpeta “venv” el vídeo “BigBuckBunny.mp4” i l'arxiu “download\_youtube\_video\_subtitles.srt”, a part dels dos arxius de python “ex4\_seminar2\_script.py” i “ex6\_seminar2\_script.py”.

Aquesta és la carpeta un cop executat aquest seminari 2:



A més, per a l'execució de les funcions de l'arxiu “ex4\_seminar2\_script” hem d'instal·lar els següents packages:

```
from youtube_transcript_api import YouTubeTranscriptApi
from pytube import YouTube
import ffmpeg
```

El package “YouTubeTranscriptApi” l'he hagut d'instal·lar a través de la **terminal de PyCharm**:

```
Terminal: Local
(venv) (base) xavier@MacBook-Pro-de-Xavier Documents % pip install youtube_transcript_api
Collecting youtube_transcript_api
  Obtaining dependency information for youtube_transcript_api from https://files.pythonhosted.org/packages/35/c1/10e32c7cd693802056f385c3ee78825102566be94a811b6556f17783c743/youtube_transcript_api-0.6.1-py3-none-any.whl.metadata
    Downloading youtube_transcript_api-0.6.1-py3-none-any.whl.metadata (14 kB)
Requirement already satisfied: requests in ./venv/lib/python3.9/site-packages (from youtube_transcript_api) (2.31.0)
Requirement already satisfied: charset-normalizer<4,>=2 in ./venv/lib/python3.9/site-packages (from requests->youtube_transcript_api) (3.3.2)
Requirement already satisfied: idna<4,>=2.5 in ./venv/lib/python3.9/site-packages (from requests->youtube_transcript_api) (3.4)
Requirement already satisfied: urllib3<3,>=1.21.1 in ./venv/lib/python3.9/site-packages (from requests->youtube_transcript_api) (2.1.0)
Requirement already satisfied: certifi>=2017.4.17 in ./venv/lib/python3.9/site-packages (from requests->youtube_transcript_api) (2023.11.17)
    Downloading youtube_transcript_api-0.6.1-py3-none-any.whl (24 kB)
Installing collected packages: youtube_transcript_api
Successfully installed youtube_transcript_api-0.6.1

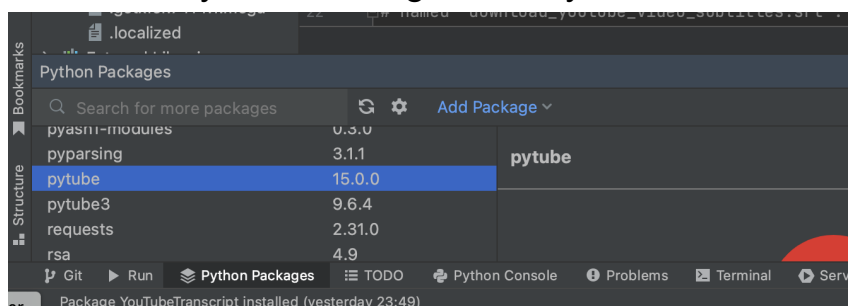
[notice] A new release of pip is available: 23.2.1 -> 23.3.1
[notice] To update, run: pip install --upgrade pip
(venv) (base) xavier@MacBook-Pro-de-Xavier Documents %
```

Per si pot ser d'interès, també vaig fer això a la terminal de PyCharm (crec que al final va ser indiferent i el semi es pot executar sense fer lo de la següent captura):

```
(venv) (base) xavier@MacBook-Pro-de-Xavier Documents % pip install --upgrade ffmpeg-python
Collecting ffmpeg-python
  Downloading ffmpeg_python-0.2.0-py3-none-any.whl (25 kB)
Collecting future (from ffmpeg-python)
  Downloading future-0.18.3.tar.gz (840 kB)
    Preparing metadata (setup.py) ... done
Building wheels for collected packages: future
  Building wheel for future (setup.py) ... done
  Created wheel for future: filename=future-0.18.3-py3-none-any.whl size=492024 sha256=5de10703768dc636bf423dc3abc51a85cd616bca819a3a468d8f99db425b2e34
  Stored in directory: /Users/xavier/Library/Caches/pip/wheels/bf/5d/6a/2e5387477e4c2bed652385419531f9ec0fafe8b5a3c3d1b
Successfully built future
Installing collected packages: future, ffmpeg-python
Successfully installed ffmpeg-python-0.2.0 future-0.18.3

[notice] A new release of pip is available: 23.2.1 -> 23.3.1
[notice] To update, run: pip install --upgrade pip
(venv) (base) xavier@MacBook-Pro-de-Xavier Documents % pip install --upgrade pip
Requirement already satisfied: pip in ./venv/lib/python3.9/site-packages (23.2.1)
Collecting pip
  Obtaining dependency information for pip from https://files.pythonhosted.org/packages/47/6a/465160888fab7c6452a625f8af6256d09f2cb42577021da6491d899/pip-23.3.1-py3-none-any.whl.metadata
    Downloading pip-23.3.1-py3-none-any.whl (2.1 MB)
    Installing collected packages: pip
    Attempting uninstall: pip
      Found existing installation: pip 23.2.1
      Uninstalling pip-23.2.1:
        Successfully uninstalled pip-23.2.1
    Successfully installed pip-23.3.1
(venv) (base) xavier@MacBook-Pro-de-Xavier Documents %
```

Finalment, el package “pytube” l'he instal·lat a través de l'apartat “Python Packages” de PyCharm:



El “pytube3” crec que no és necessari i només he necessitat el “pytube”.

**Més informació en els scripts de python d'aquest seminari 2!**