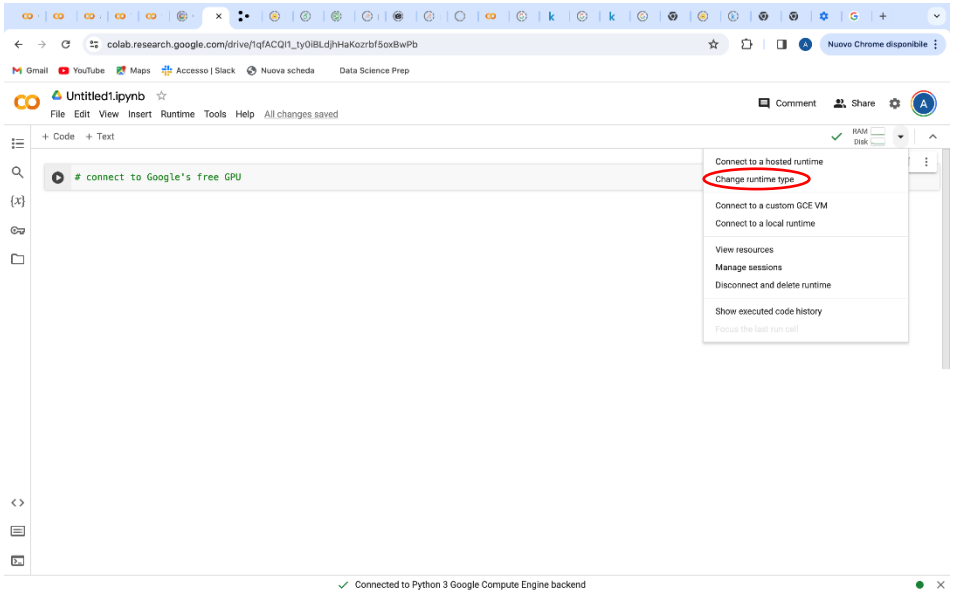
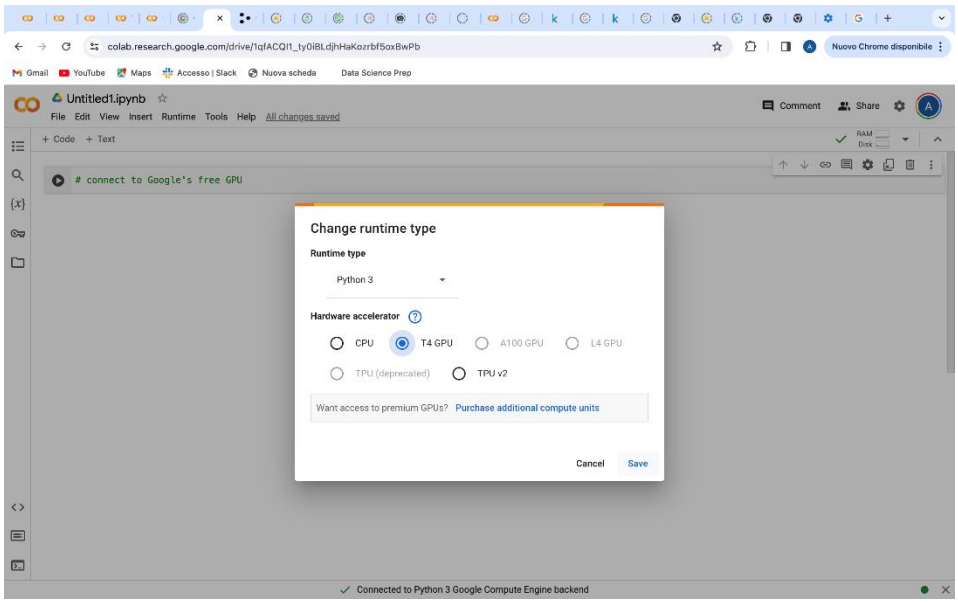
GETTING STARTED

GOOGLE COLAB & KAGGLE NOTEBOOK

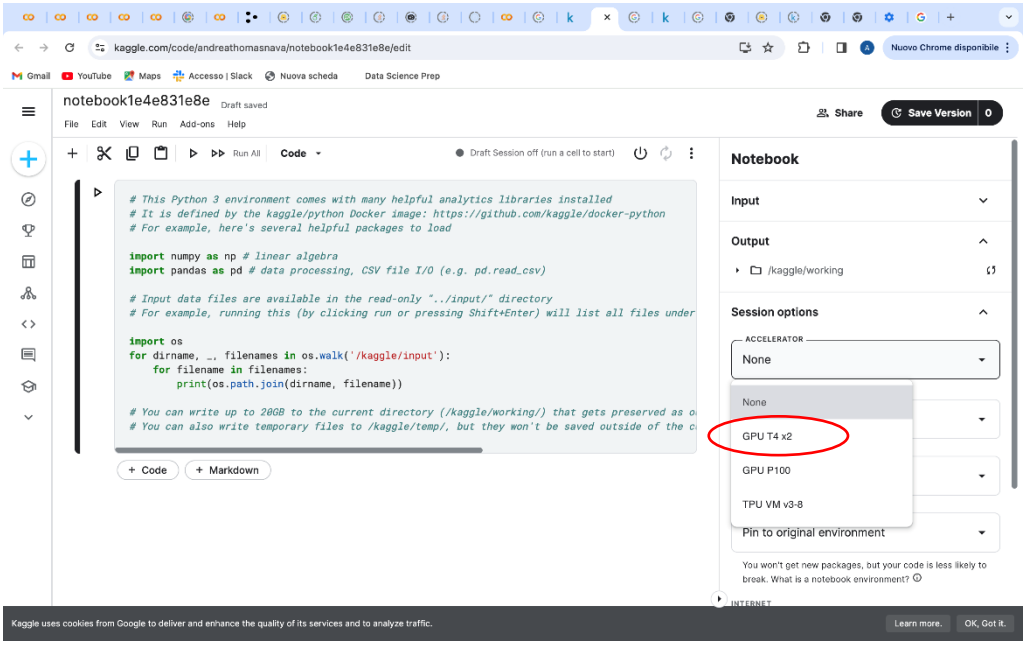
For free GPU usage we recommend to use either Google Colab or Kaggle Notebooks. They both offer free (although limited) GPUs. In particular, we recommend Kaggle Notebooks. Here you will have access to two 15GB GPUs for 30 hours.

ON GOOGLE COLAB …

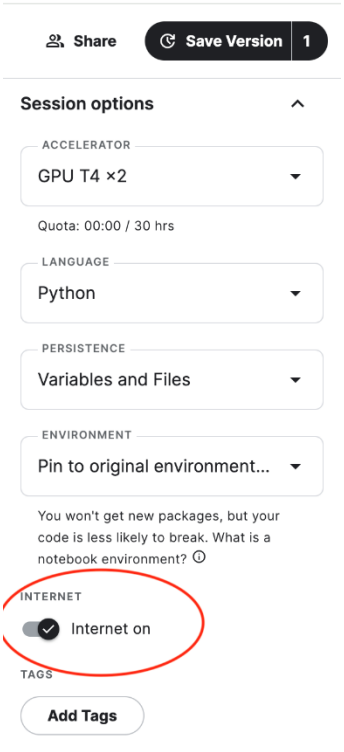




ON KAGGLE NOTEBOOKS …



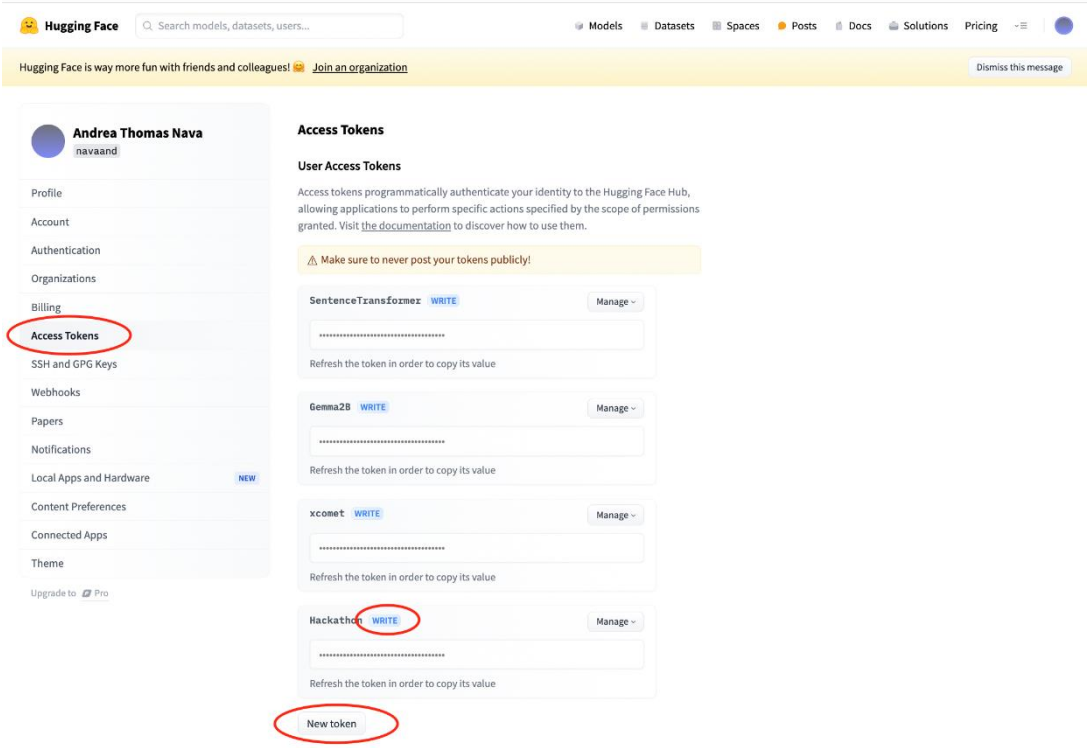
AND IF WANT TO CONNECT TO THE INTERNET DO NOT FORGET TO CHANGE THE SETTINGS …



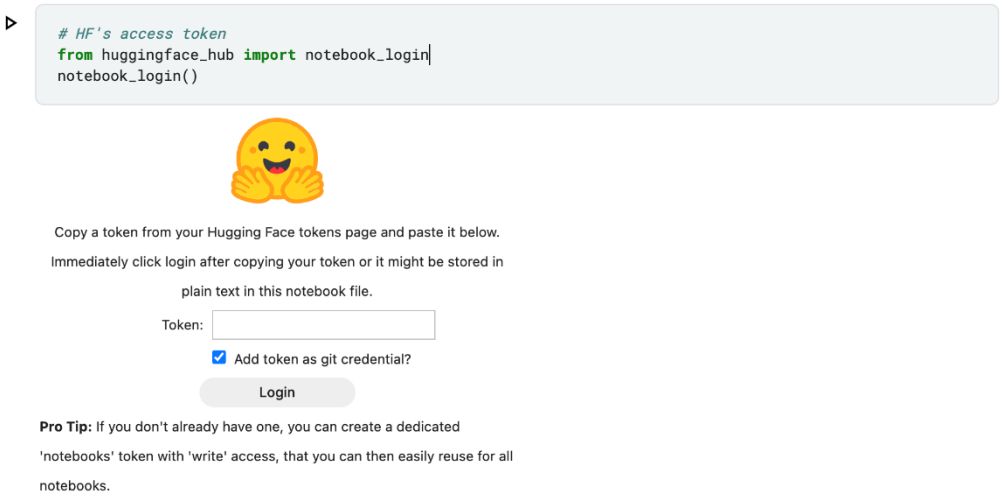
HUGGING FACE

Most open-source deep learning model are available on Hugging Face: [Hugging Face – The AI community building the future.]

To use some of the models you will have to first log-in with your account (can create one for free) and create an access token (of write type).



THEN COPY THE TOKEN IN YOUR NOTEBOOK …



GET STARTED NOTEBOOKS

We provide some boiler plate code to get you started with:

1) using a model from Hugging Face;
2) working with audio files in python;
3) generate a valid submission file.

OTHER RESOURCES YOU MIGHT FIND USEFUL

Hugging Face Transformer library: Quick tour (huggingface.co)

Librosa library: Tutorial — librosa 0.10.2 documentation