This is how to use the python notebooks, further descriptions are contained in the notebooks:
1) Open all the .ipynb in Google Colab
2) Execute the DataPreparation.ipynb to create the integrated dataset (this dataset is already present in Datasets)
3) Execute the CNN_identification_verification.ipynb to build the complete CNN system for identification and verification
4) Execute the Basic_model.ipynb to build the basic model (It's important to execute this step before steps 5 and 6)
5) Execute the Fine_tuning_model.ipynb to build the fine tuning model
6) Execute the Tailored_model.ipynb to build the tailored model
7) Execute the Siamese_model.ipynb to build the Siamese network model
8) Execute the Graphs.ipynb to create graphs for the comparison of the models