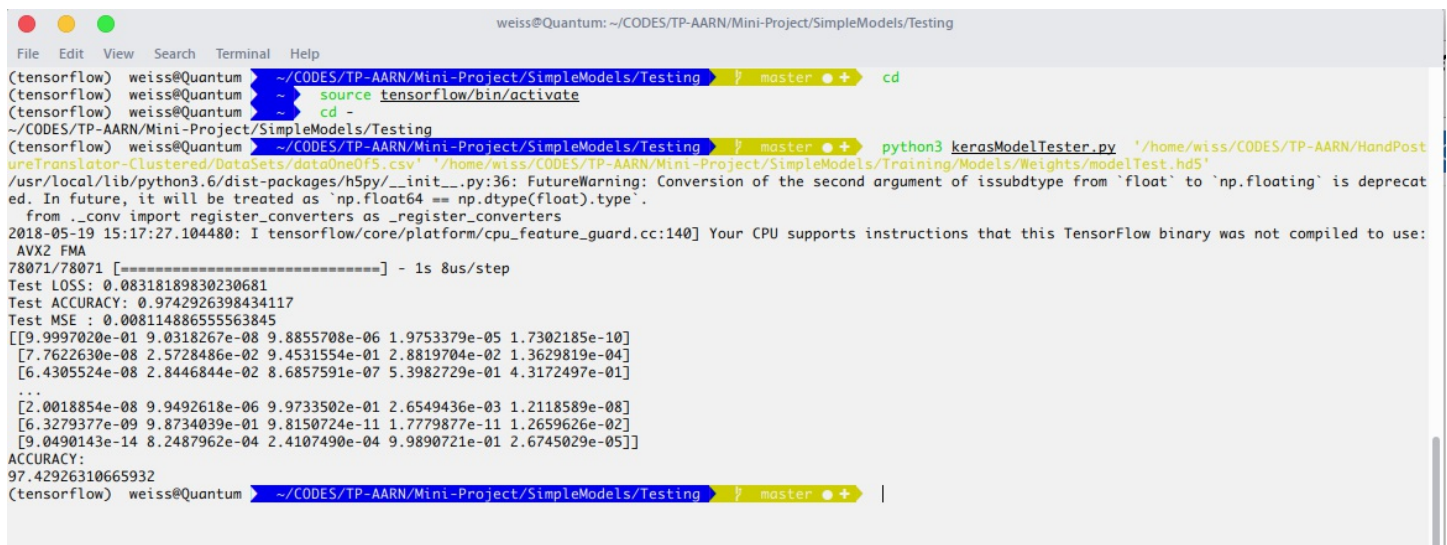


# Utilisation

Pour utiliser le tester, il suffit de lancer le script `kerasModelTester.py` comme suit :

- Activer l'environnement virtuel `source tensorflow/bin/activate`
- Lancer le script avec les paramètres `python3`

`kerasModelTester.py 'data.scv' 'model.hd5'`



```
weiss@Quantum: ~/CODES/TP-AARN/Mini-Project/SimpleModels/Testing
File Edit View Search Terminal Help
(tensorflow) weiss@Quantum ~/CODES/TP-AARN/Mini-Project/SimpleModels/Testing % master ● + cd
(tensorflow) weiss@Quantum ~ % source tensorflow/bin/activate
(tensorflow) weiss@Quantum ~ % cd -
~/CODES/TP-AARN/Mini-Project/SimpleModels/Testing
(tensorflow) weiss@Quantum ~/CODES/TP-AARN/Mini-Project/SimpleModels/Testing % master ● + python3 kerasModelTester.py '/home/wiss/CODES/TP-AARN/HandPostureTranslator-Clustered/DataSets/dataOneOf5.csv' '/home/wiss/CODES/TP-AARN/Mini-Project/SimpleModels/Training/Models/Weights/modelTest.hd5'
/usr/local/lib/python3.6/dist-packages/h5py/__init__.py:36: FutureWarning: Conversion of the second argument of issubdtype from 'float' to 'np.floating' is deprecated. In future, it will be treated as 'np.float64 == np.dtype(float).type'.
  from ._conv import register_converters as _register_converters
2018-05-19 15:17:27.104480: I tensorflow/core/platform/cpu_feature_guard.cc:140] Your CPU supports instructions that this TensorFlow binary was not compiled to use: AVX2 FMA
78071/78071 [=====] - 1s 8us/step
Test LOSS: 0.08318189830230681
Test ACCURACY: 0.9742926398434117
Test MSE : 0.008114886555563845
[[9.9997020e-01 9.0318267e-08 9.8855708e-06 1.9753379e-05 1.7302185e-10]
 [7.7622630e-08 2.5728486e-02 9.4531554e-01 2.8819704e-02 1.3629819e-04]
 [6.4305524e-08 2.8446844e-02 8.6857591e-07 5.3982729e-01 4.3172497e-01]
 ...
 [2.0018854e-08 9.9492618e-06 9.9733502e-01 2.6549436e-03 1.2118589e-08]
 [6.3279377e-09 9.8734039e-01 9.8150724e-11 1.7779877e-11 1.2659626e-02]
 [9.0490143e-14 8.2487962e-04 2.4107490e-04 9.9890721e-01 2.6745029e-05]]
ACCURACY:
97.42926310665932
(tensorflow) weiss@Quantum ~/CODES/TP-AARN/Mini-Project/SimpleModels/Testing % master ● + |
```