

Utilisation

Ces scripts peut être lancé par la commande suivante :

```
python3 SimpleKerasModelTrainer.py inputFile.csv
```

```
(tensorflow) * weiss@Quantum > ~/CODES/TP-AARN/Mini-Project/backend/Training > master ● python3 SimpleKerasModelTrainer.py dataset-codifié -un-parmi-5.csv
/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
(58571, 38)
(19523, 38)
Train on 49785 samples, validate on 8786 samples
2018-05-19 03:15:48.252257: I tensorflow/core/platform/cpu_feature_guard.cc:140] Your CPU supports instructions that this TensorFlow binary was not compiled to use:
AVX2 FMA
Epoch 1/1000
49785/49785 [=====] - 1s 18us/step - loss: 0.8722 - acc: 0.7097 - mean_squared_error: 0.0818 - val_loss: 0.5723 - val_acc: 0.7831 - val_mea
n_squared_error: 0.0596
Epoch 2/1000
49785/49785 [=====] - 1s 16us/step - loss: 0.5256 - acc: 0.7972 - mean_squared_error: 0.0557 - val_loss: 0.4699 - val_acc: 0.8195 - val_mea
n_squared_error: 0.0495
Epoch 3/1000
49785/49785 [=====] - 1s 16us/step - loss: 0.4634 - acc: 0.8246 - mean_squared_error: 0.0492 - val_loss: 0.4404 - val_acc: 0.8288 - val_mea
n_squared_error: 0.0472
Epoch 4/1000
49785/49785 [=====] - 1s 16us/step - loss: 0.4195 - acc: 0.8442 - mean_squared_error: 0.0446 - val_loss: 0.3950 - val_acc: 0.8598 - val_mea
n_squared_error: 0.0418
Epoch 5/1000
49785/49785 [=====] - 1s 16us/step - loss: 0.3786 - acc: 0.8612 - mean_squared_error: 0.0400 - val_loss: 0.3985 - val_acc: 0.8528 - val_mea
n_squared_error: 0.0431
Epoch 6/1000
49785/49785 [=====] - 1s 16us/step - loss: 0.3507 - acc: 0.8729 - mean_squared_error: 0.0370 - val_loss: 0.3404 - val_acc: 0.8790 - val_mea
n_squared_error: 0.0357
Epoch 7/1000
49785/49785 [=====] - 1s 16us/step - loss: 0.3257 - acc: 0.8836 - mean_squared_error: 0.0341 - val_loss: 0.3290 - val_acc: 0.8858 - val_mea
n_squared_error: 0.0341
Epoch 8/1000
49785/49785 [=====] - 1s 16us/step - loss: 0.3090 - acc: 0.8900 - mean_squared_error: 0.0322 - val_loss: 0.2996 - val_acc: 0.8957 - val_mea
n_squared_error: 0.0311
```