

Utilisation du script de clustering

Il faut d'abord lancer l'environnement virtuel avec la commande

```
source pathToVirtualEnv/bin/activate
```

puis lancer le script avec la commande

```
python3 labelData.py pathToTrainingSetOneUserLeft.csv
```

comme montré dans l'illustration suivante



```
01:51:34 as weiss on Quantum in ~/CODES/TP-AARN/Mini-Project/DataSets/Après traitement/Approche par clustering at master(*!?)
+ source ~/tensorflow/bin/activate
(tensorflow)
01:51:38 as weiss on Quantum in ~/CODES/TP-AARN/Mini-Project/DataSets/Après traitement/Approche par clustering at master(*!?)
+ python3 labelData.py ~/home/wiss/CODES/TP-AARN/Mini-Project/DataSets/Après traitement/Approche par clustering/Partitionnement-one-user-left/usersLeft/user2/Training.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
dict_keys(['nailIndex', 'nailMiddle', 'nailRing', 'nailLittle', 'index', 'middle', 'ring', 'little', 'nailBig', 'midBig', 'lowBig'])
[array([ 33.66723227,  38.73678983, -66.07676254]), array([  4.7803084,   85.97617652, -61.71353864]), array([114.95724894,  23.88072729, -62.07753734]), array([ 17.93980849,  87.83805717, -77.19927542]), array([ 55.35759562,  48.56714795, -76.71016406]), array([ 36.38492693,  87.73457887, -88.56229697]), array([113.60341147,  54.30268805, -66.49355669]), array([ 13.65419765,  42.86064318, -60.27733533]), array([ 97.60613418,  75.62127919, -68.83553812]), array([ 59.69356459,  90.0382158, -91.95901039]), array([ -2.99892112,  41.40649162, -52.78076241])]
(15067, 43)
2 countDiff + 5
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3 countDiff + 5
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4 countDiff + 5
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5 countDiff + 5
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8 countDiff + 5
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9 countDiff + 4
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10 countDiff + 5
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11 countDiff + 5
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12 countDiff + 5
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13 countDiff + 5
added
14 countDiff + 5
added
```