SKLEARN Training vs Validation Summary

**Test 1:**

clf\_image = MLPClassifier(activation = 'relu',

hidden\_layer\_sizes = (100, 100, 100), # 3 layers of 100 neurons each

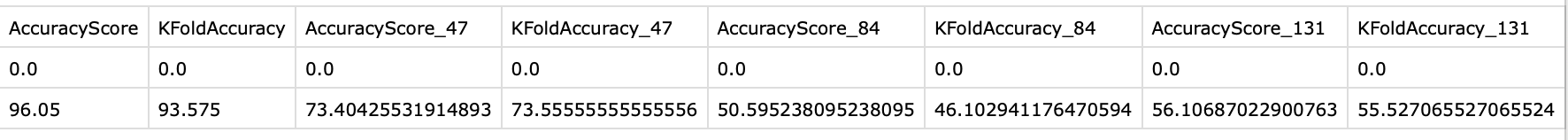
solver = 'adam',

verbose = True,

random\_state = 1,

max\_iter = 100,

early\_stopping=True) # batchsize = 200 default





**Test 2:**

clf\_image = MLPClassifier(activation = 'relu',

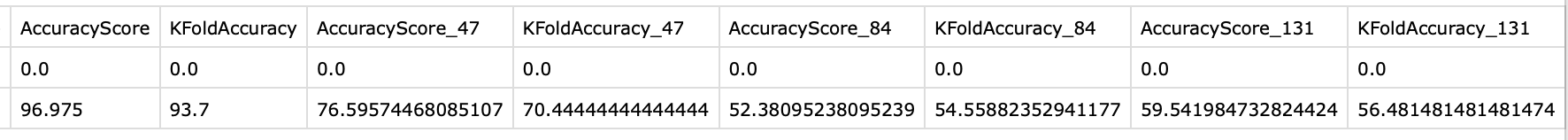
hidden\_layer\_sizes = (100, 100, 100), # 3 layers of 100 neurons each

solver = 'adam',

verbose = True,

max\_iter = 100,

early\_stopping=True) # batchsize = 200 default

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**Test 3:**

clf\_image = MLPClassifier(activation = 'relu',

hidden\_layer\_sizes = (100, 100, 100), # 3 layers of 100 neurons each

solver = 'sgd',

verbose = True,

max\_iter = 100,

early\_stopping=True)