Untitled

March 27, 2019

```
In [1]: from main import *
from PlotBuilder import *
```

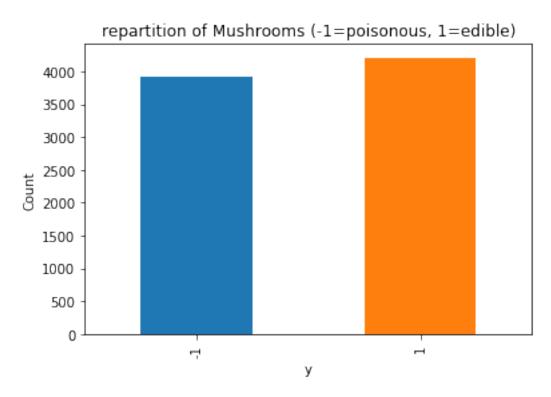
• 'yielding_pas' mean how many **rows** you learn between each testing process.

the data is readed in cycle. during all testing process we add an other point on the plot graph.

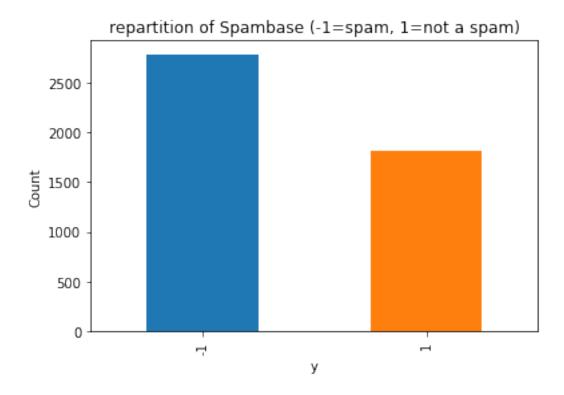
In [3]: Plot_builder.y_repartition(iris_y, title="repartition of Iris (-1=others, 1=Iris_version)



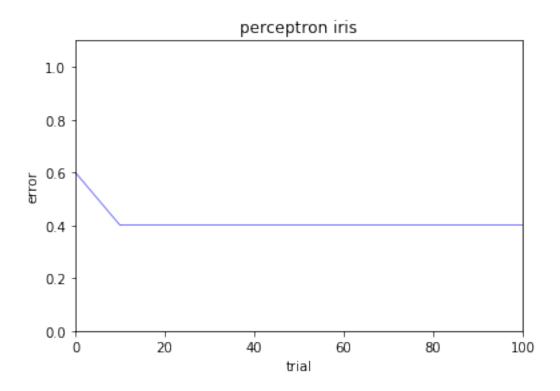
In [4]: Plot_builder.y_repartition(mushroom_y, title="repartition of Mushrooms (-1=poisonous,

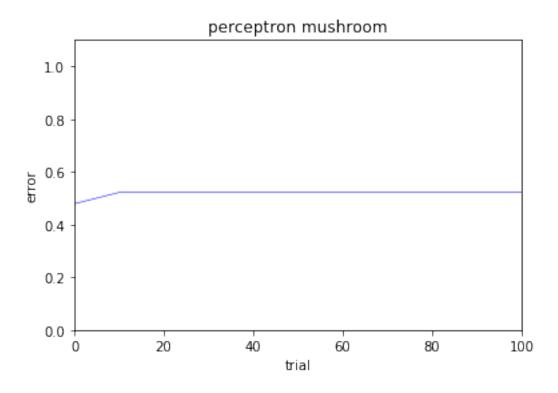


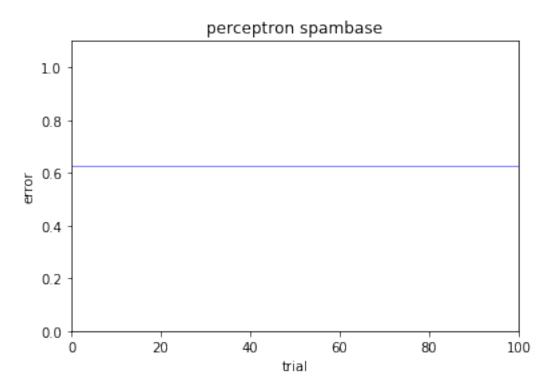
In [5]: Plot_builder.y_repartition(spambase_y, title="repartition of Spambase (-1=spam, 1=not



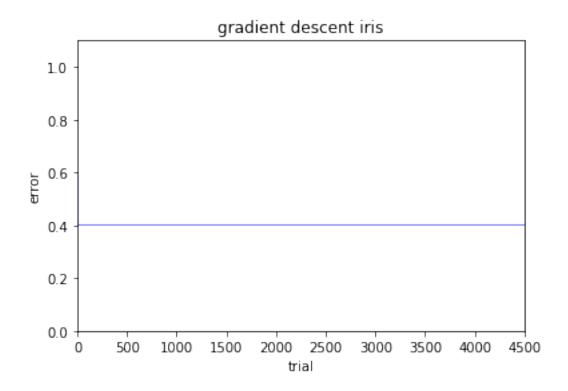
1 Perceptron

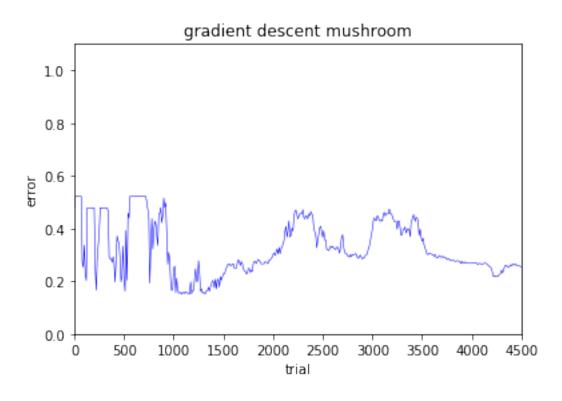


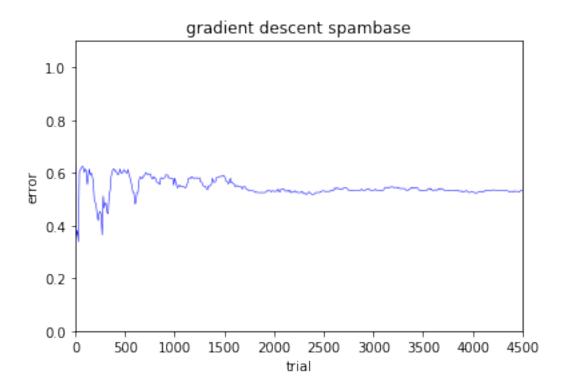




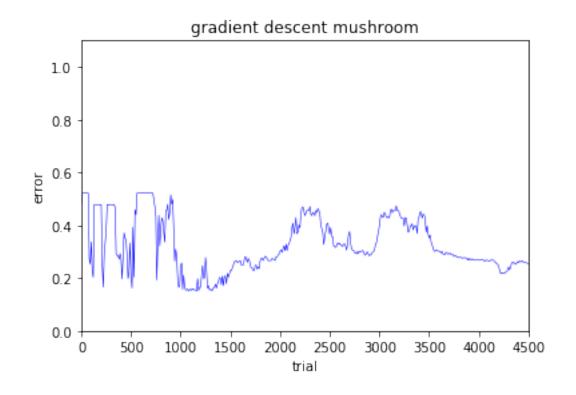
2 Descent gradient

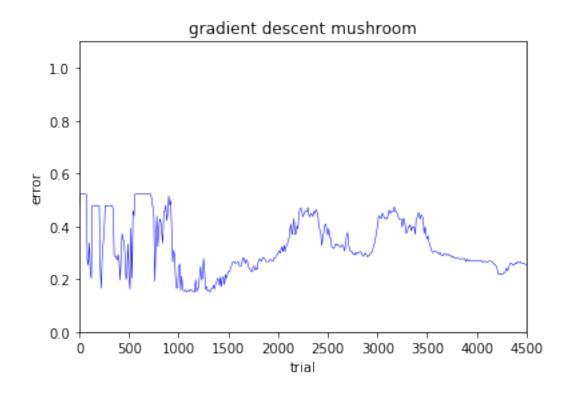


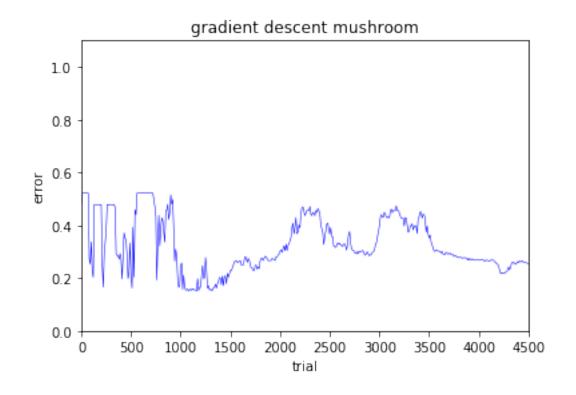


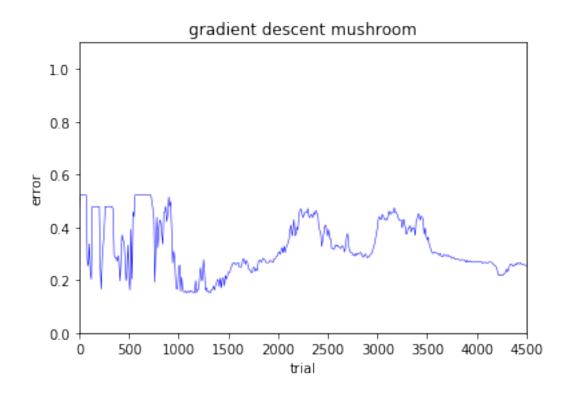


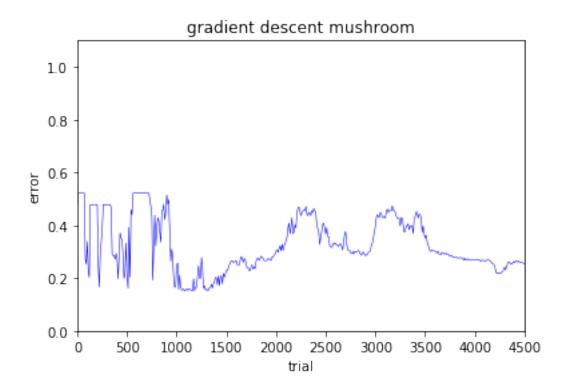
3 searching for best ETA



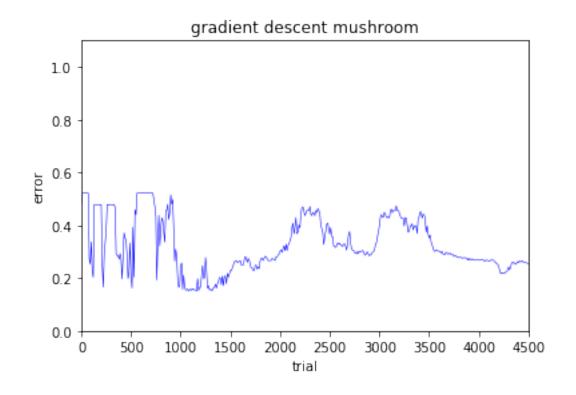


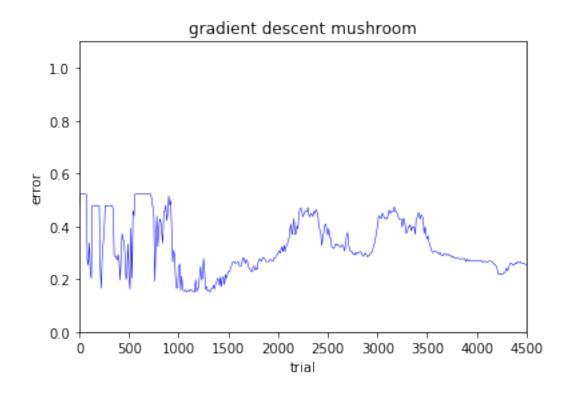


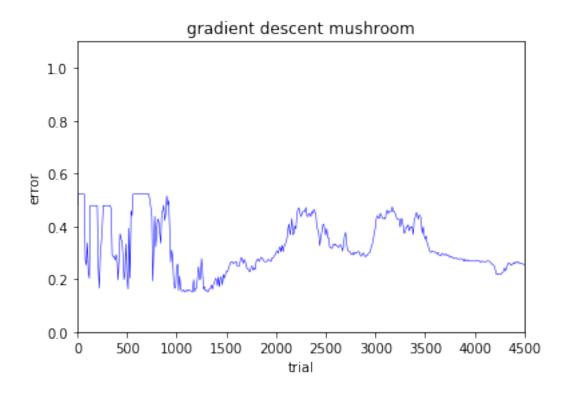


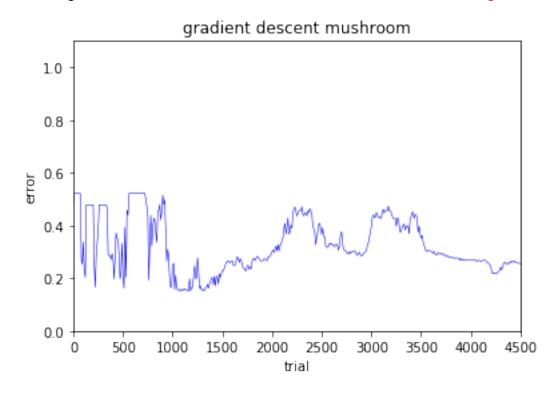


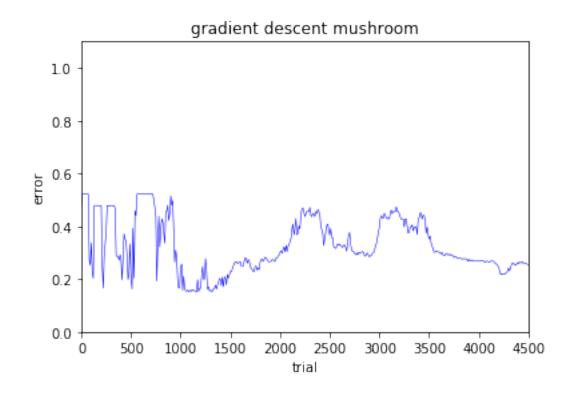
3.1 notting change

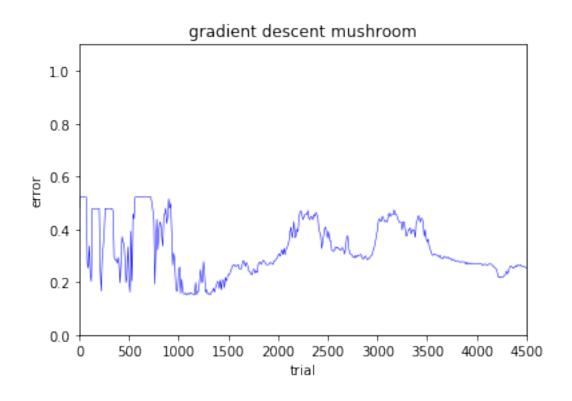


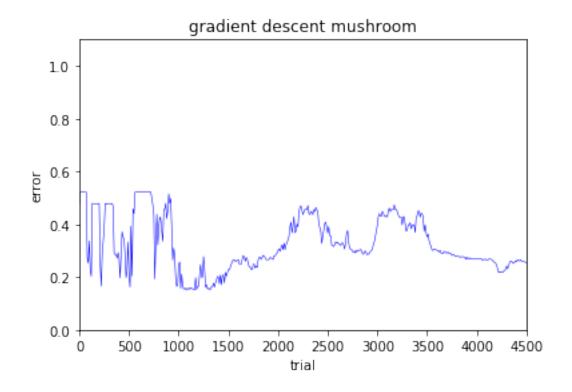












Still the same.