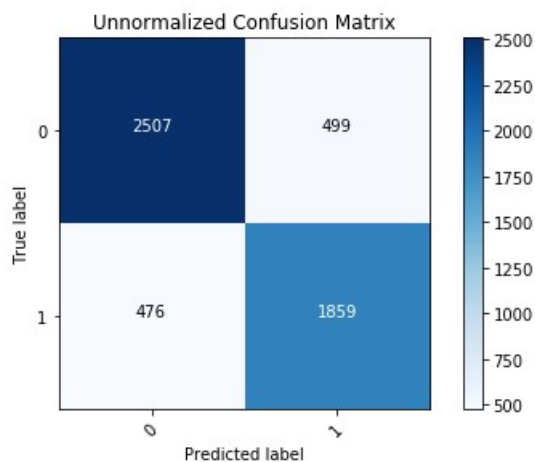


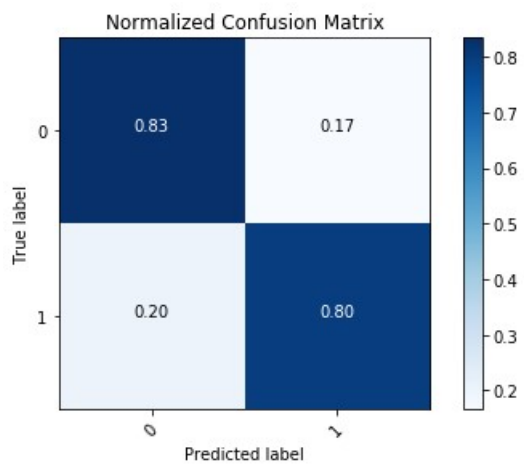
Python 3.7.1 (default, Dec 10 2018, 22:54:23) [MSC v.1915 64 bit (AMD64)]  
Type "copyright", "credits" or "license" for more information.

IPython 7.2.0 -- An enhanced Interactive Python.

```
In [1]: %time %run LogReg.py
(21367, 23598)
(5342, 23598)
Accuracy : 81.74840883564208
Confusion Matrix: [[2507 499]
 [ 476 1860]]
Wall time: 51min 4s
```

```
In [2]: runfile('C:/Users/cpill/LogisticReg/LogReg.py', wdir='C:/Users/cpill/LogisticReg')
(21367, 23598)
(5342, 23598)
Accuracy : 81.74840883564208
Confusion Matrix: [[2507 499]
 [ 476 1860]]
Precision: 0.8404290982232652
Confusion matrix, without normalization
[[2507 499]
 [ 476 1859]]
Normalized confusion matrix
[[0.83399867 0.16600133]
 [0.20385439 0.79614561]]
```





<Figure size 432x288 with 0 Axes>

In [3]: