

## ML Coursework Tutorial 9 Question 3

Jqk17

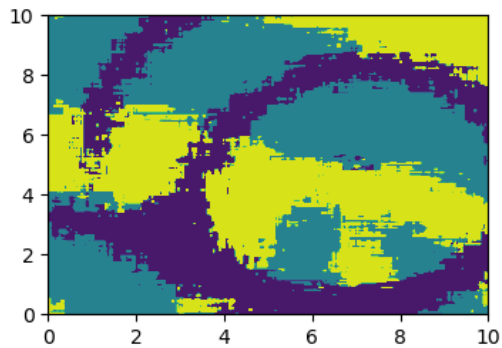
(A) Numerical values for voltages (V):

`[[3.1953851 1.91437537]`

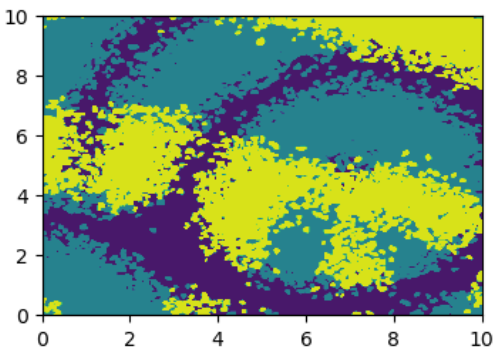
`[7.19831173 7.70619219]`

`[2.88389115 6.3965953 ]]`

(B) Random forest classifier



(C) Nearest neighbour approach



(D) Review:

1. Random forest classifier, less “pixelated” or “jagged” boundaries as compared to nearest neighbour approach
2. Using regression; yes you can use regression classifiers (i.e., logistic regression)