
Machine Learning

Classification, SoSe 2020

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Exercise 2

Starting out with our initial model of

$$\theta = (0.0020106575693363323, 0.003499569991138653, -0.002065309169555718),$$

we reached our final, improved model

$$\theta = (8.61440758, -1.27331131, 3.58296219)$$

after 100 iterations and with alpha set to $\alpha = 0.1$.

In the plot below, the data points are coloured according to their label in either red or blue while the cyan line represents the initial model. The final model is displayed in black.

