

Linear Classification. In-class Exercise 1

EL-GY 6143 Intro Machine Learning. Prof. Sundeep Rangan

Question

Complete the inclass exercise in `demo_breast_cancer.ipynb`:

In-Class Exercise

Based on the above plot, what would be a good "classifier" using the two features. That is, write a function that makes a prediction \hat{y} of the class label y . Code up your classifier function. Measure the accuracy of the classifier on the data. What percentage error does your classifier get?