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Machine Learning

Extra Credit Homework Logistic Regression

1 March 2018

1A) The Mean Error Rate of logistic regression using gradient descent on the **training** data is: [ 0. 085806] which is 8.5%

1B) The Mean Error Rate of logistic regression using gradient descent on the **test** data is: [ 0. 08000] which is 8.0%

2A) The Mean Error Rate of logistic regression using gradient descent on the **training** data is: [ 0. 053340] which is 5.3%

2B) The Mean Error Rate of logistic regression using gradient descent on the **test** data is: [ 0. 066] which is 6.6%

3A) The Mean Error Rate of logistic regression using gradient descent on the **training** data is: [ 0. 069703] which is 6.9%

3B) The Mean Error Rate of logistic regression using gradient descent on the **test** data is: [ 0.078370] which is 7.8%