

Assignment 02

Learning from Data, Related Challenges, Classification

submitted for

EN3150 - Pattern Recognition

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Progress on GitHub [↗](#)

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1 Linear Regression

Question 01 The main reason is the presence of outliers.

Question 02 Scheme 1.
reason

Question 03

Question 05

2 Logistic Regression

Question 02 The following error was encountered.

Question 03 Why sagasolver bad.

Question 04 Classification accuracy

Question 05 Why liblinear better

Question 06 Sagasolver accuracy

Question 07 Sagasolver with feature scaling

Question 08 Categorical

3 First and Second Order Methods for Logistic Regression

Question 02 Method to initialize weights

Question 03 Loss function

Question 04 Newton's Method

Question 05 Plots

Question 06 Iterations

Question 07 Convergence