Linear Regression

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1 Theory

1. Target Function:

   (a) Sample Entropy:

   (b) Weighed Average Entropy:

   (c) Decision Tree:

2. Essay Data:

   (a) Class Priors:

   (b) Parameters of the Gaussians:

   (c) Determine:

2   Naive Bayes Classifier

1. Classification Statistics:

3   Logistic Regression

1. Classification Statistics: