

- Write your own code for the logistic regression model using gradient descent method.
- Find the dataset here <https://stats.idre.ucla.edu/wp-content/uploads/2016/02/sample.csv>. and use the dataset and the five-fold cross validation method to report the accuracy of your developed code.
- Use the inbuilt function of logistic regression model and compare the accuracy obtained by it with your own developed code.
- Play with the values of step length to improve the accuracy of your code. Also comment about the behaviour of step length.