

General Sir John Kotelawala Defense University

Department of Electrical, Electronics & Telecommunication Engineering

Machine Learning

ET 4103

Assignment – 03

Unregularized Logistic Regression

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**Q1. Utilize the given Jupyter notebook[1] for Unregularized Logistic Regression. Comment on the code and the output of the program, explaining utilized Machine Learning concepts where necessary**

The following code is a python program that demonstrates Unregularized Logistic Regression. Logistic Regression is a type of statistical model used to classify data into binary outcomes. It is a supervised learning algorithm that used a sigmoid function to generate probability values for a set of linear inputs. This probability value is then used to classify the data into one of two classes.