

Maulana Azad National Institute of Technology, Bhopal
Computer Science and Engineering

Subject: Machine Learning
Assignment 2

Q1. Download the real-world regression data which you have used in assignment 1. Divide it into Training and Test sets. Write the Python program for Linear regression, Ridge regression, Lasso Regression and Elastic net Regression for your dataset. Calculate the R² Score of all the models and show their comparison.

Q2. Prepare a write-up about Softmax Regression and Show how it is used for Multiclass classification with the help of an example.