



भारतीय सूचना प्रौद्योगिकी संस्थान गुवाहाटी
INDIAN INSTITUTE OF INFORMATION TECHNOLOGY GUWAHATI

Machine Learning Lab, M.Tech 2nd Semester

Instructions

1. After completion, you can share the files in mail to Mr. Indrajit Kalita (Or if you use Google Colab, you can share there also).
2. Deadline to submit is 24th Jan 2022.

Assignment -1

1. Do the following
 - (a) Return the 30x2 matrix where first column presents no. of hours of sunshine and second column presents no. of icecreams sold. Divide the data into training and testing sets.
 - (b) Plot the training data into a figure using the "plot" command. Set the axes labels using the "xlabel" and "ylabel" commands.
 - (c) Apply Least Square Regression to predict the no. of icecreams sold given the no. of hours of sunshine. Plot it using "plot" command.
2. Perform the aforesaid steps for multiple independent variables. You can define your own data or can use any publicly available dataset.