

SRIP Project 3 Documentation

Generation of Random Variables

Task allotted

1. In the virtual-labs repository, pattern-recognition-iiith lab, the task was to resolve Issue No: 241
2. Issue No: 241 was to Convert the following experiment to JavaScript. Link to the experiment:-

<http://cse20-iiith.vlabs.ac.in/exp4/Experiment.html?domain=Computer%20Science&lab=Pattern%20Recognition%20Lab>

Experiment Explanation

Let us assume, there are 4 different classes, each class has different data points. Now suppose one plot some random data points for the 4 classes. For a given test point, the task is to classify that point into any of the class using iteration, so that it will be classified into either of the 4 classes. That's how random variables works.

How to Run the Experiment

1. The forked repository(<https://github.com/prekshap24/pattern-recognition-iiith>) contains a folder named "SRIP".
2. SRIP folder contains folders named as Codes and Libraries. Codes contain all the files containing code for the experiment written in JavaScript, HTML, CSS. Libraries contain JavaScript libraries used in the codes.

