SIES Graduate School of Technology

5 days Hands on Training

on

Machine Learning with 'R'

under

Center of Excellence in Data Science and Deep learning

June 25-29, 2018

(9.30 AM to 4.00 PM)

By the end of this course, students will be able to identify the difference between a supervised (classification) and unsupervised (clustering) technique, identify which technique they need to apply for a particular dataset and need, engineer features to meet that need, and write 'R' code to carry out an analysis.

Objectives

- Understand components of a machine learning algorithm.
- Develop a basic understanding of the principles of machine learning and derive practical solutions using predictive analytics.
- Use data patterns to make decisions and predictions with real-world examples

Course Contents

Module 1: What is Machine Learning?
Module 2: Performance measures
Module 3: Classification, Regression – Linear and logistics
Module 4: Clustering
Module 5: Prediction, Support Vector Machines
Mini Project Implementation

Resource Persons:
1. Prof. Pranita Mahajan
2. Prof. Varsha Mali
3. Prof. Seema Redekar

Who should attend?

1. **Prerequisite:** Basic "R Language" and Basic Statistics
2. Students from SE/TE (All Branches) –First Come First Serve(20 seats)

Registration Fees

Course Fees: FREE
(Cost of certificate will be applicable)

Contact:

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