Hope Foundation's
International Institute of Information Technology,
Hinjewadi, Pune – 411057

Activity Report

(STATISTICAL COMPUTING USING R)

Academic Year: 2020-2021

Name of Event: Statistical Computing using R

Topic: Concepts of R, Objects and Statistics, Data pre-processing, Co-relation and regression analysis, deploying a R model.

Date & Time of Conduction: 19th & 20th October 2020 11.15am to 1.15 pm

Targeted Audience: Students of I2IT

Venue: Google meet
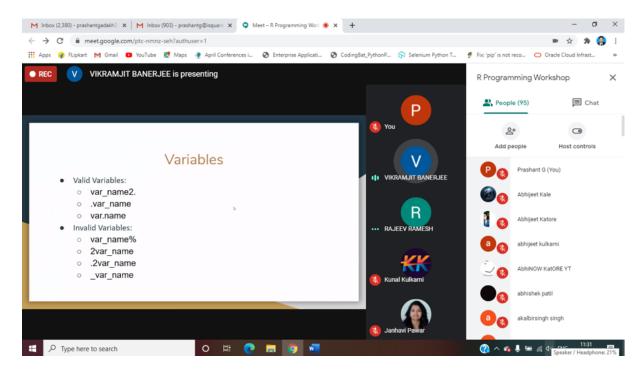
Coordinator: Rajeev Ramesh

Vikramjit Banerjee

Number of Participants: Day 1 attendance - 52

Day 2 attendance - 47

Activity Description in Nutshell: The members of CESA I2IT arranged a 2 days hands-on workshop on Statistical Computing using R. The workshop was conducted by co-ordinators of CESA, Rajeev Ramesh and Vikramjit Banerjee. It was arranged through Google Meet where the participants could join for accessing the workshop. Day 1 was carried by explaining Basics of R and concepts of objects and Statistics was explained. Also, concept of Data pre-processing was explained and visualization was done. And the concept of co-relation was explained and analysis of regression was done. On day 2 case study was done using Machine learning algorithms. And finally, a R model was deployed using R shiny.

Event Photos: Screenshot of co-ordinators explaining the concepts of R programming.

Screenshot of R studio during demonstration of developing R model.