

Department of Statistics and Business Analytics

Statistical Consulting Unit

Workshops/Training courses

Title: Applied Statistical Machine Learning

Statistical Software: R

Requirements: Familiarity of R Statistical Software and Basic Stat/Probability knowledge

Instructor: Dr. Subhadip Pal

Target Group: Professionals, graduate students, research workers

Date: 11 – 17 Nov., 2024

Period: 2 days, 4 hours/session, 8 hours total

Platform: Face-to-face Meeting

Inclusive of Scientific Materials: PowerPoint Slide Presentation and E-Certificate.

Description:

The short course plans to introduce basic statistical machine-learning algorithms from a high-level view. Thereafter move forward with the data analysis of various types. The topics included are a brief description of regression and high-dimensional regression with the analysis of an appropriate data set. Various classification techniques and analysis of multiple nontrivial datasets, such as the identification of object types from raw image data.

Topics Covered:

Day 1: Basics of Statistical Machine Learning, R basics. Application: Regression for high-dimensional Data.

Day 2: Various Classification Techniques, Application: Classification based on raw image data.

Workshop Fee: AED 1,000

Contact US: statconsult@uaeu.ac.ae

*20% off for UAEU students