R/Rmetrics Workshop

Programming with R : A Pragmatic Introduction
March 24, 2011, Mumbai

Description:

The Rmetrics Association is offering a high quality workshop in programming with R. Starting with the basic constructs, the workshop moves on to cover more advanced topics and techniques through hands-on case studies.

The workshop consists of six sessions of detailed instructions complemented with interactive practice sessions. This one day workshop would be followed by two day workshop on Advanced Applications of R in Portfolio Management from March 25 to 26, 2011.

Course Topics:

Session 1: Basics - Overview of R, Basic Syntax, Built-in Functions, R Objects and Data Structures

Session 2: Data Manipulation – Importing / Exporting Data, Accessing Data through Data Structures, Manipulation of Data Structures

Session 3: Programming with R – Logic, Loops and Control Structures, Effective Debugging in R

Session 4: Further Topics in Programming with R – User defined functions, Functional Programming in R, Writing optimized and efficient code for R

Session 5: Graphics with R - Overview of Graphics in R, Devices and File Formats, High Level Plotting