

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

Session 6: Basic Statistics with R - Descriptive Statistics, Distribution Functions, Random Number Generation, Hypothesis Testing and Parameter Estimation

Time and Date:

Thursday, March 24:

Morning session: 9 am – 12:15 pm

Afternoon session: 1 pm – 04:15 pm

Location:

IGIDR, Mumbai

Course Tutors:

Rmetrics Core Team

Key Note Speaker:

Diethelm Würtz, ETH Zürich

wuertz@phys.ethz.ch

Course Coordinator:

Mahendra Mehta, Mumbai

Susan Thomas, IGIDR

Price:

Students & Academia: INR 4,500/-

Industry: INR 9,000/-

(Inclusive of all Taxes)

Registration and Enquiry:

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