€TRAINING

R Programming

R Programming

Introduction

You will learn how to successfully program in R and how to use R for data analysis. You'll learn how to introduce and organize programming required for a factual programming scenario as well as how to illustrate traditional programming language concepts as they are used in a high-level measurable language. The course addresses practical concerns in factual inference, including programming in R, adding data to R, getting to R bundles, creating R capacity, troubleshooting, profiling R code, and sorting and noting R code. Working models will be provided by themes in the assessment of quantifiable information.

Course Objectives

At the end of this course the participants will be able to:

- Utilize R profiler to gather data point by point.
- Configure programming with facts.
- Make use of the research tools and R circle works.
- Know the fundamental concepts of programming languages.

Targeted Audience

- Programmers
- Anyone interested in R programming

Course Outline

Unit 1: Introducing R: What is it and how to get it

- Starting Out: Becoming Familiar with R
- Starting Out: Working with Objects

Unit 2: Data: Descriptive Statistics and Tabulation

- Data: Distribution
- Simple Hypothesis Testing

Unit 3: Introduction to Graphical Analysis

- Formula Notation and Complex Statistics
- Manipulating Data and Extracting Components

Unit 4: Regression Linear Modeling

- More About Graphs
- Writing Your Own Scripts: Beginning to Program

Unit 5:

- Revision
- Workshop

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