



Program Overview (Certified Big Data Analyst – R programming)

As one of the world's top data science tools, R provides a robust environment for tabulating, analyzing and visualizing data. Demonstrate your mastery of the programming language that has become a powerhouse for business intelligence and big data analytics. This certification entails familiarity with different data types and their operation.

In this course you will learn how to program in R and how to use R for effective data analysis. You will learn how to install and configure software necessary for a statistical programming environment and describe generic programming language concepts as they are implemented in a high-level statistical language.

Course Objective

This program designed to focus on “SMART” application process.

Specific

Understanding the specific skills for Data Analysis using “R” Programming Language

Measurable

Develop self-improvement with latest “Graphical Analysis” tools and technique to be more cost effective and impact of IR.4.0

Action

Confident in handling “Data Visualization” and data processing and prepared to deal with complex data handling.

Realistic

Realization with “Statistical Data Analysis”. Increase saving and reduce the losses.

Time Frame

Able to make “Right decisions” on right time for better results

Learning Outcome

The learning outcome of the program according to “ADDIE”s process

- Analysis-Big Data Analysis
- Design-Creative Data Visualization
- Development -Determine the needs
- Implementation-Improves the ability on decision making
- Evaluation -Evaluate the improvement

Who Should Attend

Big Data Analyst, Data Science Specialist

Program Course Content

Day 1

OVERVIEW OF R- GETTING STARTED

Day 2

FLOW CONTROL AND SEQUENCES

Day 3

R Data Processing

Day 4

Data Visualization using R

Day 5

Statistical Data Analysis using R

Case Studies

Open Book Examination & On-line Examination

Training Activity / Methodology:

This program places heavy emphasis on experimental learning and delivered through:

Lecture, Role Play, Practical Exercise, Cases Studies, Video Presentation, Training Games and etc.



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