

Predictive Analytics With R Certification – 25 hrs

Based on Industry Cases, Live Exercises, & Industry Executed Projects

1. Data Handling, Visualization & Statistical Programming in R

- Introduction & Overview of R Package (day 1)
- **Data Cleaning and Management in R** (day 1, day 2)
 - Data Types, Simple Operation and Subsetting
 - Data Reading and Writing to and fro from External Files
 - R Editor and Console
 - **Case Study** – Data Cleaning and Management
- **Logic Building in R** (day 3, day 4)
 - Control Structures
 - Commonly Used Functions
 - Loop Functions
 - Error Finding & Debugging
 - **Case Study** – Logic Building
- **Data Visualization in R** (day 5)
 - Data Simulation in R
 - Plotting and Visualizing Data
 - Principles of Data Graphics
 - **Case Study** – Data Visualization
- **Statistical Research in R** (day 6, day 7)
 - Reproducible Research
 - Literate Statistical Programming
 - **Case Study** – Statistical Programming
- **Object Oriented Programming in R** (day 8)
 - Data Abstraction
 - Regular Expression
 - **Case Study** – Object Oriented Programming

2. Projects (day 9, day 10)

- Dedicated Practice Sessions on Industry Scenarios in R
- Industry Executed Projects in R

Please Note: For minute details on any of the above modules, please reach out to us through phone (+91 9748 441111 / +91 33 40011221) or email (info@ivyproschoool.com).