

Data Science with R

Overview

The next step to a data science is learning R, the upcoming and most in demand open source technology. R is an extremely powerful data science and analytics language which has a steep learning curve and a very vibrant community. This is why it is quickly becoming the technology of choice for organisations who are adopting the power of analytics for competitive advantage.

Learning outcomes

Mindworx Academy's data science with R programming certification has a clear focus on the vital concepts of business analytics and R programming. By the end of training, participants will be able to:

- Work on data exploration, data visualisation and predictive modeling techniques with ease
- Gain fundamental knowledge on analytics and how it assists with decision making
- Work with confidence using R language
- Understand and work on statistical concepts like linear & logistic regression, cluster analysis and forecasting
- Develop a structured approach to use statistical techniques and the R language
- Perform sharp data analysis to make business decisions

Main topics

- Introduction to analytics
- Statistical concepts and their application in business
- Basic analytic techniques using R
- Data exploration
- Data visualisation
- Diagnostic analytics
- Linear regression
- Logistic regression
- Cluster analysis
- Time series analysis

Programme delivery structure

- 3 days classroom training
- Online contact sessions
- Peer learning and research
- Practical activities
- Action learning projects

Some happy clients



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