

Certificate in  
Advance Analytics  
using R

[eLearning]

# Certificate in Advance Analytics using R

## About the course

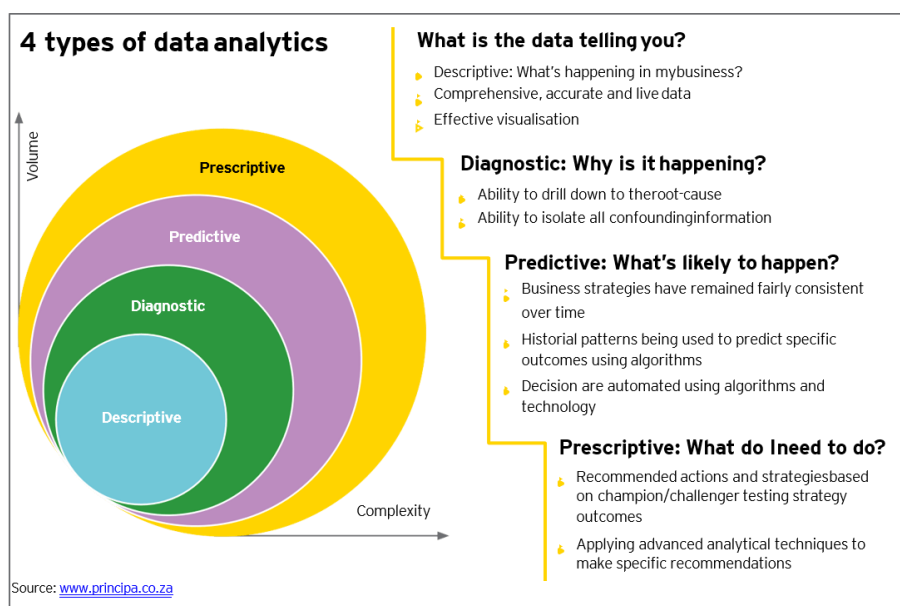
Data Science is an automated method to analyse massive amount of data from various source and extracting insights from them. In today's era all small and large corporate are sitting on a gold mine of data, however, the biggest challenge they are facing to use these data to get business insights which they can to take effective business decisions. Data analytics is the science of examining raw data for the purpose of drawing business related conclusions about the information and for modelling and predicting business outcomes.

This comprehensive program can help you to gain experience on the power of data and how to explore the data using R as a tool to get valuable insights for the business. The program may also help in the improvement of organization's performance by doing trend analysis and pattern study. The program shall help you to run various algorithms using R which is one of the most effective tool to uncover the patterns within the data and compare the results and insights.

## Benefits of the course

This program may help you to:

- ▶ Understand your business data better and be able to generate trend and get insights
- ▶ Take appropriate and faster business decisions which is data driven
- ▶ Increase efficiency and reduce cost for your business/ domain
- ▶ Gauge customer internal/external needs and satisfaction
- ▶ Uncover new growth opportunities for the business
- ▶ Diagnose the business problem faster

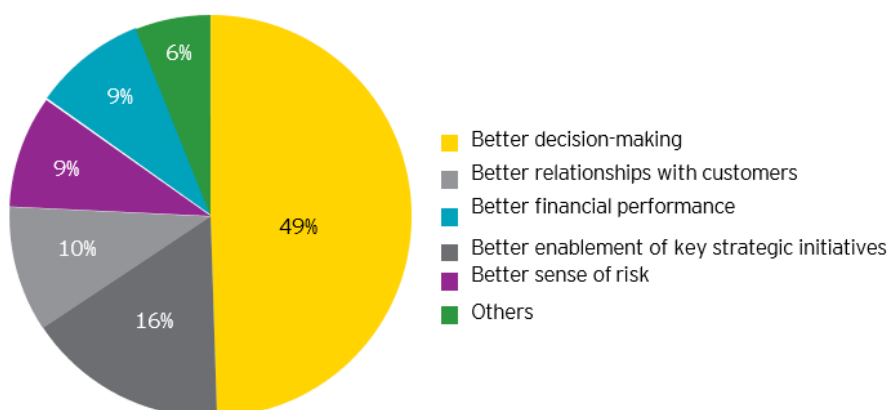




## Course coverage

1	Introduction to analytics	Visualization using R	8
2	Introduction to R	Linear, non-linear and logistic regression	9
3	Basic building blocks of R	Classification	10
4	Working with data in R: Importing, exporting and Data wrangling	Clustering	11
5	Functions, loops, and data frames in R	Machine learning algorithms	12
6	Descriptive statistics using R	Decision trees	13
7	Inferential statistics using R	Neural networks	14

### Analytics - key benefits



Source: Peer - Research Big Data Analytics Survey



## Who should take this course

- ▶ Working professionals who intend to build their career in the field of data analytics
- ▶ Professionals who are currently in the Data Analytics domain
- ▶ Fresh graduates and young professionals
- ▶ Entrepreneurs
- ▶ Professionals from the quality team
- ▶ Six Sigma Professionals
- ▶ IT Professionals

## Assessment and Certification

EY will award "Certificate of Completion" to participants at the end of the program.

- ▶ Assessment would be based on MCQ's
- ▶ Participant needs to achieve a minimum score of 50% to pass the exam
- ▶ All participants who meet the above criteria would be awarded a certificate of completion

## Contact

For more information contact:

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## Course deliverables

- ▶ 10+ hours of learning videos
- ▶ Presentations
- ▶ Includes Datasets
- ▶ Online Assessment
- ▶ Certificate of completion
- ▶ Query support through email
- ▶ Six months of LMS access

## Our other eLearning courses

- ▶ Certificate in IFRS
- ▶ Certificate in Exploratory Analytics in Python
- ▶ Certificate in Finance for Non-Finance Managers
- ▶ Certificate in Business Intelligence using Power BI
- ▶ Certificate in Blockchain Technology
- ▶ Certificate in Data Visualization Using Tableau
- ▶ Certificate in Financial Modelling and Valuation
- ▶ Certificate in Lean Six Sigma Green Belt
- ▶ Certificate in Ind-AS
- ▶ Certificate in Artificial Intelligence and Machine Learning in Python
- ▶ Certificate in Predictive Analytics in Python



## About EY Learning Solutions

In today's testing business environment, with organizational transformation and regulatory change constant features, a flexible and cost-effective workforce is critical. High-quality training is a crucial element of innovative talent management, to improve performance and ensure that your teams can respond to today's challenges and are equipped for career success.

We, at EYFAAS, realized this need and accordingly we have set up a dedicated "Learning Solution" practice to help corporate and practicing professionals to deal with new requirements. FAAS Learning Solutions supplements EY's primary range of services and provide business specific training solutions for our clients and business communities throughout India, Europe, the Middle East and Africa. This is done with the help of a multidisciplinary team of trainers from around the world. As a globally integrated firm, we bring global insight to our training programs.

All training programs are regularly updated to reflect changing trends and guidance. Our practical, relevant and stimulating courses are facilitated by highly competent trainers who have first-hand knowledge of the subject matter. We recognize that each client will have a different history, size, location and sector; therefore, programs can be tailored to specific needs of your business.

## For details contact

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Goregaon (E)  
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Tel: + 91 22 6192 0000

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