

# Certificate in Advance Analytics using R

[eLearning]



Shape the future  
with confidence

# Certificate in Advance Analytics using R

## About the course

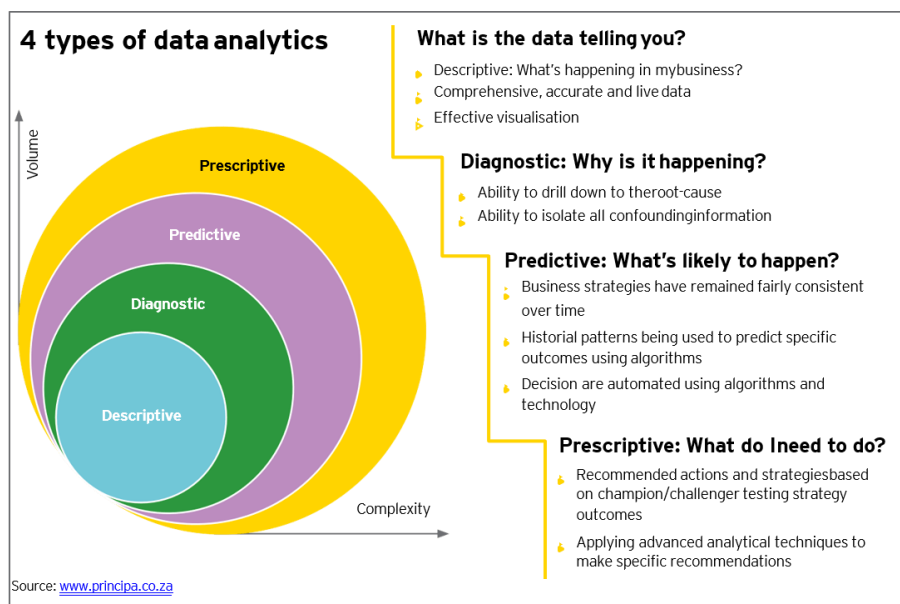
Data Science is an automated method to analyse massive amount of data from various source and extracting insights from them. In today's era all small and large corporate are sitting on a gold mine of data, however, the biggest challenge they are facing to use these data to get business insights which 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:

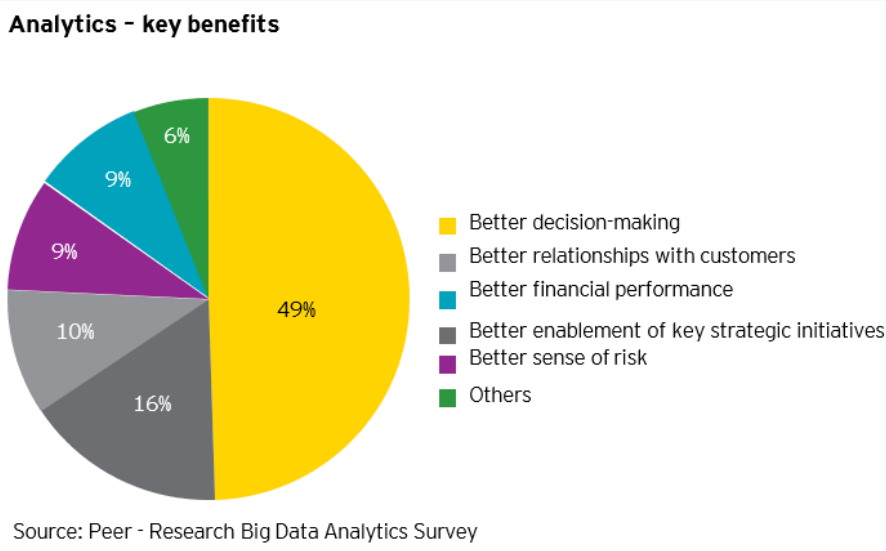
- ▶ Understand your business data better and be able to generate trend and get insights
- ▶ Take appropriate and faster business decisions which is data driven
- ▶ Increase efficiency and reduce cost for your business/ domain
- ▶ Gauge customer internal/external needs and satisfaction
- ▶ Uncover new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





## Course coverage

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





## 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

## Course deliverables

- ▶ 10+ hours of comprehensive learning videos and content.
- ▶ Presentations
- ▶ Includes datasets
- ▶ Online assessment
- ▶ Certificate of completion
- ▶ Query support through email
- ▶ Six months of LMS access

## Certification and Assessment

EY will award "Certificate of Completion" upon successful completion of the program:

- Assessment would be based on MCQ's
- Participants will get 3 attempts to clear the assessment
- Participant needs to achieve a minimum score of 50% to pass the exam

## Contact

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## Our other eLearning courses

- ▶ Certificate in Ind-As
- ▶ Certificate in IFRS
- ▶ Certificate in HR Analytics
- ▶ Certificate in Exploratory Analytics in Python
- ▶ Certificate in Finance for Non-Finance Managers
- ▶ Certificate in Business Intelligence using Power BI
- ▶ Certificate in Artificial Intelligence & Machine Learning
- ▶ Certificate in Data Visualization using Tableau
- ▶ Certificate in Financial Modelling and Valuation
- ▶ Certificate in Lean Six Sigma Green Belt
- ▶ Certificate in Supply Chain Analytics
- ▶ Certificate in Marketing Analytics
- ▶ Certificate in Predictive Analytics in Python
- ▶ Certificate in US GAAP
- ▶ Certificate in Business Valuation
- ▶ Certificate in Blockchain Technology
- ▶ Certificate in Excel for Business



## About EY Learning Solutions

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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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