

Introduction:

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 decisions. Data science is an interdisciplinary field that uses scientific methods, processes, algorithms and systems to extract knowledge and insights from data in various forms, both structured and unstructured, similar to data mining. Data science is an exciting discipline that allows you to turn raw data into understanding, insight, and knowledge. R is rapidly becoming the standard platform for data analysis. Data analysis is the art and science of tackling questions by looking at big volume of data. Data analysts explore the hidden structures of data by creating informative pictures and summarizing relationships among variables for predicting important events and helps in the decision to be taken on this knowledge. The data science training course provides an in-depth understanding of the R language, R-studio, and R packages. This training can spark ones intellectual curiosity and expand analytical skills.

CEPT University:

CEPT University focuses on understanding, designing, planning, constructing and managing human habitats. Its teaching programs build thoughtful professionals and its research programs deepen understanding of human settlements. CEPT

University also undertakes advisory projects to further the goal of making habitats more liveable.

The University comprises of five faculties; Faculty of Architecture, Faculty of Planning, Faculty of Technology, Faculty of Design, Faculty of Habitat Management

CEPT Research & Development Foundation, (CRDF)

CEPT Research and Development Foundation (CRDF) has been established by the University to better manage the consulting, contract research & capacity building activities.

Center for Applied Geomatics (CAG):

The Centre for Applied Geomatics (CAG), CRDF at CEPT University engages in technology advisory, research, consultancy and capacity building activities. CAG provides thought leadership through developing smart, efficient and sustainable applications of Geomatics to deepen understanding of human habitat. Centre strives to create and project an image of an Indian academic entity that is on the forefront of R&D and capable to deliver both quality and quantity of intellectual properties. This training is offered by Center for Applied Geomatics.

Why Training in Data Science:

With the increasing volume of data around us the requirement for the analysing the big data sets are becoming more challenging. Data Science is fetching

more popularity in the current scenario in all the industry. The training forms an ideal package for aspiring data analysts aspiring to build a successful career in analytics/data science. The Data Science Training with R has been designed to give you in-depth knowledge of the various data analytics techniques that can be performed using R. By the end of this training, participants will acquire a 360-degree overview of analytics using R by mastering concepts like data exploration, data visualization, predictive analytics, etc.

Components of Training: Data Science training will cover data exploration, data visualization, predictive analytics and descriptive analytics techniques with the R language. The data science course provides an in-depth understanding of the R language, R-studio, and R packages. You will learn the various types of apply functions including DPYR, gain an understanding of data structure in R, and perform data visualizations using the various graphics available in R. With this data science course, you'll get hands-on practice on R Studio by implementing various real-life problems. Major focus will be on the framework or methodology of carrying out the analysis. R studio would be used to render and process data. Informative lectures on Data Science, its applications, Basics of Mathematics and Statistics for Data Science, Importance of Visualization, working with Raster and Vector Data in Data Science would be elucidated.

Training Aims:

There is an increasing demand for skilled data scientists across all industries, government and among the professionals, undertaking this data science certification course well-suited for participants at all levels of experience. The training aims at professionals, industries, technologists, scientists, researchers and the students:

- Wants to establish a career in Data Science
- Professionals working in data and business analytics
- People with an interest in Data Science
- Graduates looking to build a career in analytics and data science
- Experienced professionals who would like to harness data science in their fields

Registration:

The last date of registration is February 13, 2019. Admissions are based on first come first serve bases. Total number of seats are 20 only. Please register via the following link: [Click Here](#)

Fees: INR 40,000/- + 18 % GST

Bring your own Laptop:

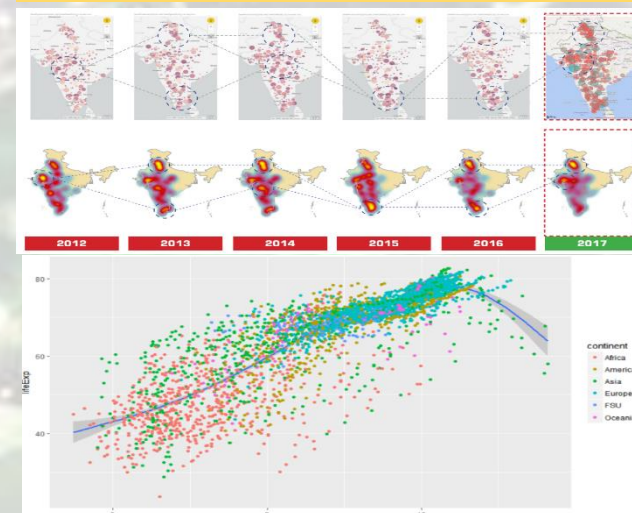
Selected Participants need to bring their own laptops with a minimum of 4GB RAM and 30GB free disk space.



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5 – Day Training Programme on DATA SCIENCE with R



(18 – 22 FEBRUARY, 2019)

ORGANISED BY:

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