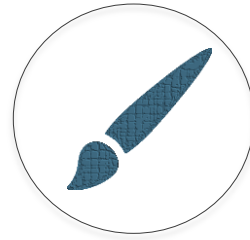
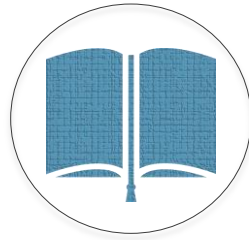




भारतीय प्रबंध संस्थान बेंगलूर
INDIAN INSTITUTE OF MANAGEMENT
BANGALORE



Course Outline

- Course Outline

Topic	Day	Session	Duration	From	To
Introduction to Business Analytics	1	1	1:15	9:00 AM	10:15 AM
Overview of R					
Fundamentals of R	1	2	1:15	10:30 AM	1:15 PM
Data Visualization in R					
Regression Concept	1	2	1:15	2:15 PM	5:00 PM

- Course Outline

Topic	Day	Session	Duration	From	To
Logistic Regression	2	2	1:15	9:00 AM	11:45 AM
Decision Trees	2	1	1:15	12:00 PM	1:15 PM
Clustering and Segmentation	2	1	1:15	2:15 PM	3:30 PM
Challenges in Analytics Project	2	1	1:15	3:45 PM	5:00 PM



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End of Course Outline



**Mentioned below are requirements to attend R workshop on 09 & 10
December 2017 @ IIMB**

Here is the detail (including system requirement)

1. Participants should bring their laptop (preferably Windows 7 or higher/ Mac OS installed).
2. Participants should have latest version of R and Rstudio installed on their system.
3. Latest version of both softwares can be found at:
 - R can be downloaded from: <https://cran.r-project.org/>
 - RStudio can be downloaded from: <https://www.rstudio.com/products/rstudio/download>

Moreover:

- Participants should have basic programming skills and should be in able to understand the scripting language.
- High speed internet connection will be provided to participants during the training hours at IIMB.

System Requirements:

- OS: Mac OS X (any machine built since 2008 but not before that) or Linux or Windows (Version XP or later) is required.
- The Installation will approximately consume 150 MB of disk space.
- Minimum 1 GB RAM on the system is preferable.

About Instructor:



Rahul Kumar is an alumnus of NIT Jaipur and IIM Bangalore. He has more than 11 years of experience spanning across software development, business consulting, analytical modelling and leading process improvement initiatives. He started his career in Information Technology sector and worked in companies like Satyam Computers, Nokia Siemens and Deloitte Consulting before venturing into his own business.

He co-founded a start-up ARIMA Research in June 2014 and was involved in internal operations and consulting engagement for various clients till December 2015. He has ventured into another business primarily aimed at logistics and transport industry.

On the technical front, he works as a research associate at IIM Bangalore and has executed several projects in analytics domain. His recent work at IIM Bangalore on "[Behavioral Modeling to Predict Renege](#)" was published at Harvard Business Review. His current engagement is a Govt. of India funded research project on developing credit scoring model for urban co-operative banks. He has taken several public as well as client specific trainings on "**Introduction to Data Science using R**" and "**Introduction to Machine Learning Concepts using R**". He has presented papers in several national and international conferences. Few of the prominent ones are:

- Paper Presentation at CMMI conference organized by CMMI Institute, 10-11 Dec 2014 at Shenzhen, China.
- Paper Presentation at CCSE conference organized by China computer and software enterprises, 6th Dec 2014 at Shenzhen, China.
- Paper Publication and Presentation at 6th International ITSM Conference organized by QAI Global Services in Bangalore, August 2013.
- Paper Presentation at SEPG Europe conference organized by SEI | Carnegie Mellon University, 5-7 June 2012 at Madrid, Spain.

He is a certified R professional and has also undergone workshop on the usage of statistical models and techniques from ISI Bangalore. His other certifications include DB2 certification from IBM and ISO 9001:2008 lead auditor certification by DNV India.