JIGSAW ACADEMY

Data Scientist Certification: Learn Big data analytics using R and Hadoop

Become a Data Scientist

"The best new job in America" according to CNN

"The sexiest job in the 21st century" according to Harvard Business Review

Course Duration: 15 weeks

Workload: 10 to 15 hours a week

What our students say?

"I wanted to learn R to make myself more marketable. After doing a lot of online research and almost paying $5000 for one of the courses, I am very glad I stumbled upon the Jigsaw website and Ajay's course on R. The content is awesome and easy to understand."

Nakul Dogra, Research manager at IMRB

"I found the R course easy to follow. The course covered a lot of different installations of R, which helped me choose the right one for me. Even though I am in a different time zone, I never found that to be an issue."

Anupam Vats, Business Development, Brazil

This certification course has been designed by R experts – people who have used R to solve a variety of business problems in domains like retail, financial services, telecom and healthcare. Predictive modelling techniques like regression and cluster analysis are covered through case studies on real business data. Our instructors use their real-world experiences to turn you from a novice analyst to a certified data scientist.

Who should take this course?

- Professionals looking to learn big data analytics skills
- Students looking to pursue data science as a career

By the end of this course, you will -

- Acquire a knowledge of statistical concepts, analytical skills and analytic tools (R and Hadoop).
- Be able to use statistical techniques to analyze data to make business decisions

Pre-requisites: No prior knowledge of Statistics, R or analytic techniques is required.

Visit http://www.jigsawacademy.com/jigsaw/courses/data-science-big-data-analytics-R-hadoop to

- Register for the Data Science and Big Data Analytics certification course
- Access additional information on the course and the certification

Some of the companies where our students are placed…

HSBC Fractal GENPACT *Global Business Impact* Infosys TARGET NOVARTIS

Data Scientist Certification: Course Outline

What is Analytics	Popular Tools	Role of a Data Scientist	Analytics Methodology	Problem Definition

Introduction to Analytics

Decsriptive Statistics	Probability Theory	Tests of Significance	Non-parametric Testing

Statistical Concepts and their application in business

Introduction to R	Data Exploration with R	Data Preparation with R	Data Visualization with R

Basic Analytic Techniques

Linear Regression	Logistic Regression	Cluster Analysis	Decision Trees	Time Series Analysis

Predictive Modeling Techniques

Examples of Big Data	Introduction to MapReduce	Working with Hadoop

Working with Big Data

Model Validation	Creating insights from statistics	Onlines Resources on analytics	Connecting with the analytics community

Putting the Jigsaw together

Case Studies you will be working on, as part of the course:

- Telecom Case Study
- Auto Insurance Case study
- Car Pricing Case study
- Store Clustering
- Credit Scorecarding

Course Delivery Options:

Video based course: Includes video recordings of lectures, handouts as well as lab assignments. Includes 60 hours of access to the virtual lab

Instructor-led course: Includes video course as well as 10 3-hour sessions with the instructors in the virtual classroom. Includes 60 hours of access to the virtual lab

$650	Rs. 26000
Foreign students	Indian students

$900	Rs. 36000
Foreign students	Indian students

Useful Links

- **Course Page:**
  http://www.jigsawacademy.com/jigsaw/courses/data-science-big-data-analytics-R-hadoop
- **Placement assistance:**
  http://www.jigsawacademy.com/analytics-placement
- **Course Faculty:**
  http://www.jigsawacademy.com/faculty
- **Student Testimonials:**
  http://www.jigsawacademy.com/testimonials
- **Sample Video:**
  https://meet99498248.adobeconnect.com/ a10114387

CONTACT US

Website	http://www.jigsawacademy.com
Blog	http://www.analyticstraining.com
E-mail	info@jigsawacademy.com
Phone	+91-924-3522277; +91-90080-17000
FAQs	http://jigsawacademy.com/faqs