



## Data Science and Analytics (with Python, R and SPSS Programming)

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## Product Description

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The Book has been written completely as per AICTE recommended syllabus on "Data Sciences". **SALIENT**

### FEATURES OF THE BOOK:

- Explains how data is collected, managed and stored for data science.
  - With complete courseware for understand the key concepts in data science including their real-world applications and the toolkit used by data scientists.
  - Implement data collection and management.
  - Provided with state of the arts subjectwise.
  - With all required tutorials on R, Python and Bokeh, Anaconda, IBM SPSS-21 and Matplotlib.
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Unit-1: Introduction to Data Science Unit-2: Data Management Using IBM SPSS Unit-3: Data Analysis Using R Programming Language Unit-4: Data Visualisation Unit-5: Application of Data Science, Technology for Visualisation and Bokeh Unit-6: Recent Trends in Data Science Annexure-1: R Programming Language & Software Environment for Statistical Analysis and Graphics



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## Author

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**V.K. Jain** Dr. V.K. Jain is a well known practical engineer who has authored more than 125 books on engineering, management and subjects related with computer science. He obtained degree in Electrical Engineering in 1966 from MACT (Maulana Azad College of Technology) Bhopal. He did M. Tech. in 1968 from MACT and HEL (Now Bharat Heavy Electricals) Bhopal in Design and Production of Heavy Electrical Equipments, an Industry Oriented course run under the sponsorship of UNESCO under Vikram University Ujjain in 1968. He was attached to Electronics Application Engineering Department of BHEL. He presented a thesis on "Analysis of the performance of speed and excitation regulation System using fast acting integrator type AVR for a large Hydro-generator (15 MW). This was concerned with studying power system from the viewpoint of electronic control systems (based on Nyquist Criteria) through Analog and Digital Computer at one of the premier Institution of India IIT (Indian Institutue of Technology) Kanpur. He personally prepared digital computer program in FORTRAN IV as early as in year 1968 at IIT Kanpur and compiled it on IBM 7044 Main Frame Computer, The fastest Computer in India at that time. He joined CPWD as Electrical Engineer on 20.5.1968 on basis of All India Competitive Examination for Central Electrical Engineering Services (Now known as IES) through Union Public Service Commission of India and served CPWD for 35 years. After retirement he worked with M/s CP Kukreja as consultat engineer for nearly one and half years and at present working as Chief Consultant Engineer with M/s Hospitech Management Consultant Pvt. Limited WTC New Delhi and engaged in designing most modern E/M, Electronic services and IBMS in premier Medical colleges and Big Hospital systems including AIIMS at Raipur and Patna.

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