

Big Data & Hadoop	
Author :	V.K. Jain
ISBN 13 :	978-93-82609-13-1
ISBN 10 :	93-82609-13-X
E-ISBN 13 :	978-93-82609-13-1
Edition :	First
Pages :	656
Type of book :	Paperback
Weight (g) :	950.00
Year :	2025
Language :	English
Publisher :	Khanna Publishing House
M.R.P:	Rs 525.00
Categories :	Computer Science Engineering, Emerging Technologies
Condition Type :	New
Country Origin :	India

Product Description

This book introduces you to the Big Data processing techniques addressing but not limited to various BI (business intelligence) requirements, such as reporting, batch analytics, online analytical processing (OLAP), data mining and Warehousing, and predictive analytics. The book has been written on IBMs Platform of Hadoop framework. IBM Info sphere Big Insight has the highest amount of tutorial matter available free of cost on Internet which makes it easy to acquire proficiency in this technique. This therefore becomes highly vulnerable coaching materials in easy to learn steps. The book optimally provides the courseware as per MCA and M. Tech Level Syllabi of most of the Universities. All components of big Data Platform like Jaql, Hive Pig, Sqoop, Flume, Hadoop Streaming, Oozie: HBase, HDFS, Fume NG, Whirr, Cloundera, Fuse, Zookeeper and Mahout: Machine learning for Hadoop has been discussed in sufficient Detail with hands on Exercises on each.

Khanna Publishing House

4C/4344, Ansari Road, Daryaganj, New Delhi-110002 Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: + +91-99109 09320

Table of Contents

Chapter 1: OVERVIEW OF BIG DATA. Chapter 2: BASICS OF HADOOP. Chapter 3: IBM'S INFOSPHERE BIGINSIGHTS.
Chapter 4: HADOOP DISTRIBUTED FILE SYSTEM. Chapter 5: NO SQL DATA MANAGEMENT AND MONGODB. Chapter 6: HBASE AND CASSENDRA. Chapter 7: MAPREDUCE. Chapter 8: JAQL : JSON BASED QUERY LANGUAGE. Chapter 9: HIVE : THE DATA WARE HOUSE OF HADOOP. Chapter 10: PIG : THE HIGHER LEVEL PROGRAMMING
ENVIRONMENT. Chapter 11: BIGSHEETS SPREADSHEET LIKE ENVIRONMENT. Chapter 12: BIGSHEETS WORKBOOKS.
Chapter 13: SQOOP : IMPORTING DATA FROM HETEROGENEOUS SOURCES. Chapter 14: DATA STREAM MINING.
Chapter 15: FLUME: BIG DATA REALTIME STREAMING. Chapter 16: R PROGRAMMING : A STRONG VISUALIZATION
AND GRAPHICS TOOL. Chapter 17: OTHER COMPONENTS OF HADOOP : OZZIE,ZOOKEEPER AND MAHOUT.

Author

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 Institute 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 consultant 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.



Khanna Publishing House

4C/4344, Ansari Road, Daryaganj, New Delhi-110002 Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: + +91-99109 09320