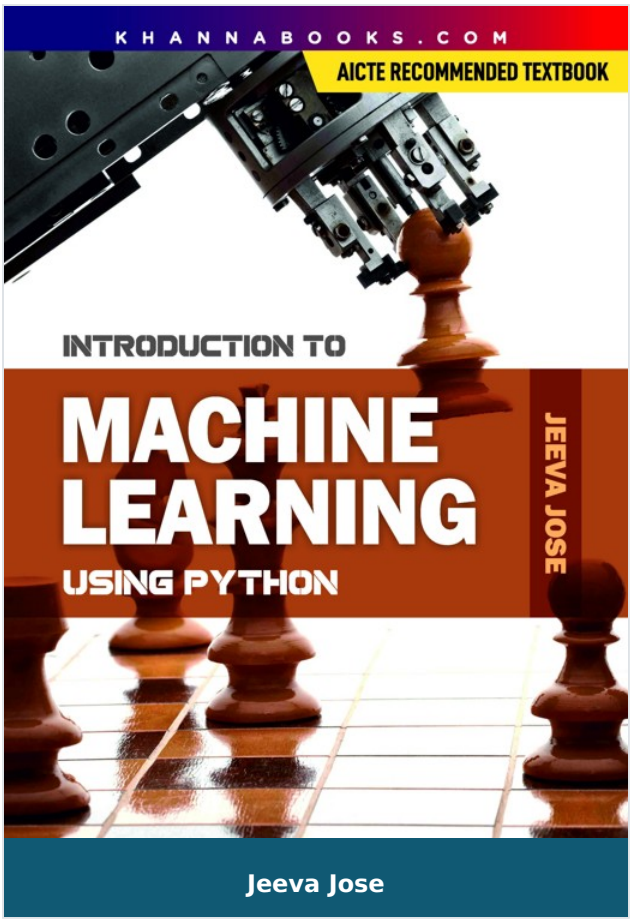

Introduction to Machine Learning

Author :	Jeeva Jose
ISBN 13 :	978-93-89139-06-8
ISBN 10 :	9389139066
E-ISBN 13 :	978-93-89139-06-8
Edition :	First
Pages :	200
Type of book :	Physical
Year :	2025
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 248.00
Categories :	Computer Science Engineering, Emerging Technologies, Book Store
Condition Type :	New
Country Origin :	India

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- Advance Multivariate Analysis
- Semi-supervised, Reinforcement & Active Learning
- Deep Learning
- Introduction to TensorFlow
- Regression using TensorFlow
- Artificial Neural Networks using TensorFlow

Author

Jeeva Jose

Dr. Jeeva Jose completed Ph. D. in Computer Science from Mahatma Gandhi University, Kerala, India and is a faculty member at BPC College, Kerala. Her passion is teaching and areas of interests include world wide web, Data Mining and Cyber laws. She has been in higher education for the last 15 years and has completed three research projects funded by UGC and KSCSTE. She has published more than twenty research papers in various refereed journals and conference proceedings. She has edited three books and has given many invited talks in various conferences. She is a recipient of ACM-W Scholarship provided by Association for Computing Machinery, New York.

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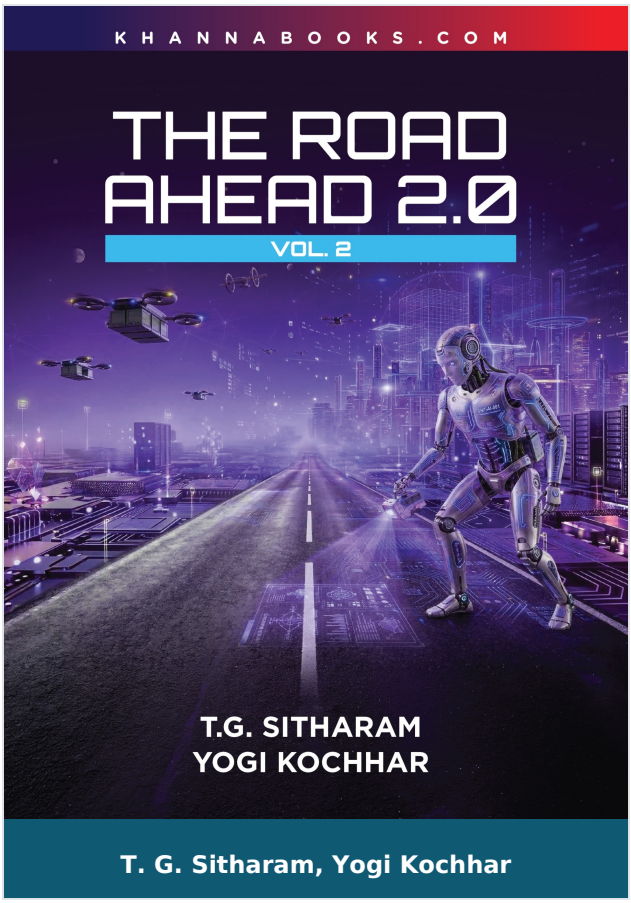

The Road Ahead 2.0 Volume-2 (Colour Edition)

Author :	T. G. Sitharam, Yogi Kochhar
ISBN 13 :	978-93-74548-61-5
ISBN 10 :	9374548615
E-ISBN 13 :	978-93-74548-61-5
Edition :	First
Pages :	276
Type of book :	Physical
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 995.00
Categories :	Computer Science Engineering, New Arrivals, Emerging Technologies, Book Store
Condition Type :	New
Country Origin :	India

Khanna Publishing House

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Product Description

Do we own the table or the Casino?

Welcome to this Kumbh of AI.

We need to open our eyes to the issue of Data integrity and sovereignty.

In the AI-driven world, data is the new currency, yet we've handed ours over voluntarily. From Aadhaar-linked social media to our apps and emails and websites that are building trillion-dollar valuations for global companies that pay no taxes here. Data is sold in GBs. It is a commodity. Should all commodities not be taxed as they are produced or consumed. AI's raw stock is data from a billion-1 population in India.

Desmond Tutu's: When missionaries came to Africa, they had the Bible, and we had the land. They said, lets pray. We closed our eyes to pray; when we opened them, we had their Bible, they had our lands.

India's demographic dividends that must accrue here by way of mindshare in Yottabytes of data sits untaxed abroad. Why aren't we reclaiming value? OpenAI's profit motive, backed by Microsoft's $80 bn investment in one year alone highlights their grip on singularity and humanity. It is the equivalent of 160 times of our spend on the Kumbh or more than the GDP of over 100 countries.

Server farms in data centers are like vast fields tended by farmers that cultivate data, shaping human decisions and perceptions like crops. Over time, the farmers, dictate the harvest, silently steering humanity's actions and future with automated precision. We must brace for that impact as we become puppets and bionic at their hands.

If we don't control our data, we'll remain tokens on the casino table, not players owning the house. Lets honor Aryabhatta and Brahmagupta by mastering the checksum.

Its time to own the Casino and not be played by it!

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- Life Style
- The Stories

Author

T. G. Sitharam

T. G. Sitharam is a civil engineer, professor at IISc Bangalore, former director at IIT Guwahati. Currently, he is serving as Chairman of the All India Council for Technical Education, (AICTE) from 1 December 2002 onwards. He is known for his works in the fields of rock mechanics, rock engineering geotechnical earthquake engineering. He is an elected fellow of Indian Geotechnical Society, Institution of Engineers (India) and American Society of Civil Engineers.

Yogi Kochhar

Yogi Kochhar : - Yogi, an AI FUTURIST, works across sectors in US, UK and India to operationalize AI adoption at scale: his ability to simplify complex ideas and translate them into implementable constructs gives this book its unique clarity and force. Author, Poet Golfer, Trekker. Their collaboration results in a seminal work that charts not just what AI can do, but what it must do; strengthen institutions, empower citizens, and

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prepare societies for an era of profound transformation.

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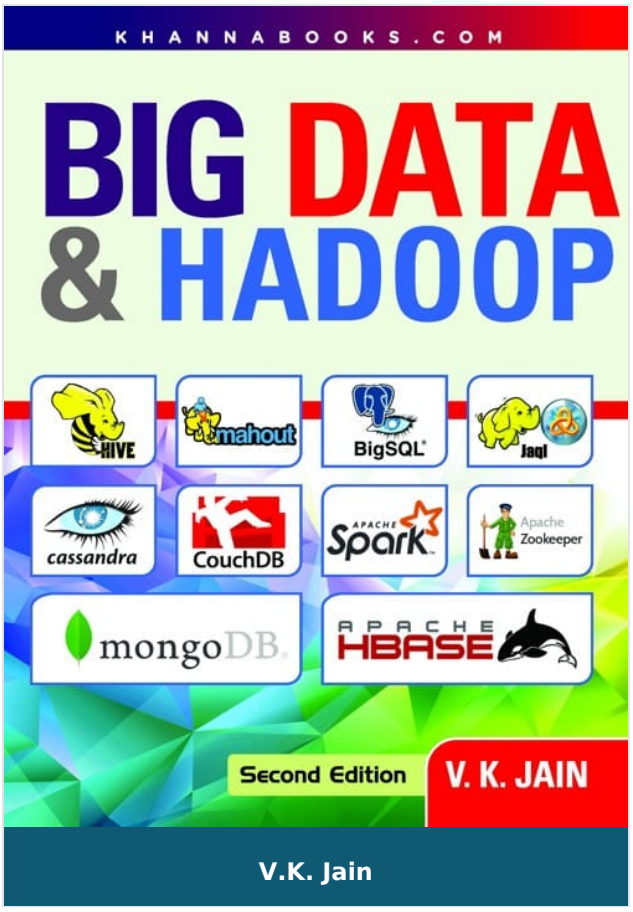

Big Data & Hadoop

Author :	V.K. Jain
ISBN 13 :	978-93-82609-13-1
ISBN 10 :	938260913X
E-ISBN 13 :	978-93-82609-13-1
Edition :	First
Pages :	656
Type of book :	Physical
Year :	2025
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 525.00
Categories :	Computer Science Engineering, Emerging Technologies, Book Store
Condition Type :	New
Country Origin :	India

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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.

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- HBASE AND CASSENDRA
- MAPREDUCE
- JAQL : JSON BASED QUERY LANGUAGE
- HIVE : THE DATA WARE HOUSE OF HADOOP
- PIG : THE HIGHER LEVEL PROGRAMMING ENVIRONMENT
- BIGSHEETS SPREADSHEET LIKE ENVIRONMENT
- BIGSHEETS WORKBOOKS
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- FLUME: BIG DATA REALTIME STREAMING
- R PROGRAMMING : A STRONG VISUALIZATION AND GRAPHICS TOOL
- OTHER COMPONENTS OF HADOOP : OZZIE,ZOOKEEPER AND MAHOUT

Author

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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Advanced Robotics Design & Applications

Author :	Sabrie Soloman
ISBN 13 :	978-93-55382-00-9
ISBN 10 :	9355382006
E-ISBN 13 :	978-93-55382-00-9
Edition :	1
Pages :	280
Type of book :	Physical
Year :	2024
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 498.00
Categories :	Emerging Technologies, Book Store, Best Sellers
Condition Type :	New
Country Origin :	India

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

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This book delivers an outline of an introduction to articulated robot mechanisms. Dynamics, and intelligent controls. Applications and exercises are tailored to experience servo-drives implementation. real-time control. Exercises are particularly composed for students to design and fabricate practical working robotic systems in supervised group-setting environments.

* Artificial Intelligence (AI) in Humanoids-for Good not Evil.

* Medical & Surgical Robots.

* Nano Robots (Swarm) in Blood Cells Fighting Cancer.

* Robot in Hazard Environment.

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- Actuators and Control Systems
- Robot Mechanism
- Geometry of Motion
- Mathematical Differential Motion
- Robotic Force and Moments
- Applied Forces and Energy
- Humanoid Robots- Factory of the Future

Author

Sabrie Soloman

Dr. Sabrie Soloman, Ph.D., Sc.D., MBA, PE - He is the Chairman & CEO of American SensoR x, In, USA; Founder of Advanced Manufacturing Post Graduate Studies at Columbia University, USA; Professor of Advanced Technology at Columbia, where he lectures on Sensors & Control Systems in Manufacturing, Affordable Automation, Computer Integrated Manufacturing (CIM), Flexible Manufacturing System (FMS), Design for Manufacturability, Introduction to Electromechanical Engineering, Modern Welding Technology, and 3D Printing/Bioprinting Technology. Dr. Soloman authored numbers of technical books published and translated worldwide: Sensors Handbook (2nd edition), Sensors and Control Systems in Manufacturing (2nd edition), Affordable Automation, Introduction to Electromechanical Engineering, Modern Welding Technology, to name a

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few. Dr. Soloman holds numerous Patents, Technical Awards, and several US Product Registrations. He is a Fellow of the Society of Manufacturing Engineers. USA. The Royal Society of Manufacturing Engineers (England), and L'Ores Des Ingenieurs Du Quebec (Canada), He received several awards from the American Society of Mechanical Engineers (ASME), the Society of Manufacturing Engineers (SME), and the American Management Association (AMA). Dr. Soloman is considered an international authority on advanced manufacturing technology, robotics, biomedical engineering, pharmaceuticals, and automation in the microelectronic, automotive, beef, pork, poultry industries. He has been and continues to be instrumental in developing and implementing several industrial and modernization programs through the United Nation to European, Asian, and African countries. He is the first to introduce and implement unmanned flexible synchronous/asynchronous manufacturing systems the microelectronic and meat industries, and the first to incorporate advanced vision technology in a wide array of robot/micro-robot manipulators. Dr. Soloman was selected to deliver the US Presidential closing address, "Innovative Remote Sensors Technologies," at the Universal Design Conference, New York, USA

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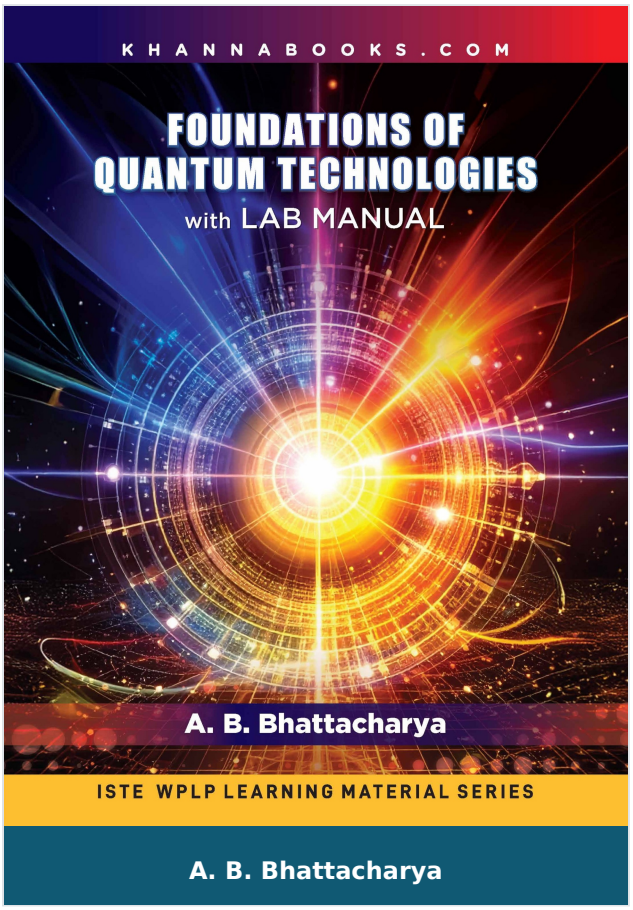

Foundations of Quantum Technology with Lab Manual

Author :	A. B. Bhattacharya
ISBN 13 :	978-93-55383-24-2
ISBN 10 :	935538324X
E-ISBN 13 :	978-93-55383-24-2
Edition :	First
Pages :	420
Type of book :	Physical
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 698.00
Categories :	New Arrivals, Emerging Technologies, Book Store, ISTE Series
Condition Type :	New
Country Origin :	India

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

Product Description

Foundations of Quantum Technology with Lab Manual

Explore the Future — Learn the Fundamentals — Master the Tools

Step into the next revolution in science and technology with Foundations of Quantum Technologies (with Lab Manual) — an all-encompassing guide designed for students, educators, and researchers aiming to understand and work with the principles and real-world applications of quantum mechanics.

WHAT'S INSIDE

Part I: Fundamentals of Quantum Mechanics

Begin your journey with a deep dive into the origin and evolution of quantum theory. Understand wave-particle duality, measurement postulates, and the ground-breaking concept of quantum entanglement. Enrich your learning with multiple-choice questions, solved numerical problems, and project ideas at the end of each chapter.

Part II: Core Quantum Technologies

From quantum computing and cryptography to teleportation and metrology, discover how abstract quantum principles power the innovations shaping tomorrow. Learn algorithms like Shor's and Grover's, and explore secure communication via the BB84 Protocol.

Part III: Experimental and Practical Aspects

Get hands-on with quantum hardware platforms like superconducting qubits, trapped ions, and photonic systems. Study experimental realizations from IBM Q, Google Sycamore, and more. It includes detailed insights into quantum gate implementation and optical elements in labs.

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- MCQs and numerical problems with solutions
- Design-driven project tasks
- Oral questions for viva preparation
- Reference tables for quick access

Whether you’re a curious beginner or an aspiring quantum researcher, this book offers a robust, intuitive, and experimentally rich learning experience to help you navigate the quantum frontier.

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- Part III
- : Experimental and Practical Aspects
- Part IV
- : Lab Manual

Author

A. B. Bhattacharya

Prof. A. B. Bhattacharya did his MSc and PhD degree from the University of Calcutta in Physics and Post-doc from the Massachusetts Institute of Technology (MIT), Cambridge, USA. He worked in close collaboration with the leading laboratories like Lincoln Laboratory; Milestone Hill Observatory; Earth, Atmospheric and Planetary Sciences division of MIT and many other well recognized laboratories in India and abroad. He served as Professor & Head of the Department of Physics, University of Kalyani; Dean of Research and Head of the ECE Department, Techno India University; Pro Vice Chancellor of JIS University and Director of Brainware University. He has published 32 text books for Science and Engineering students, two popular books for general readers and over 400 research articles in reputed International Journals. Under his supervision 24 scholars received their doctoral degree. He is a fellow of the Institute of Electronics and Telecommunication Engineers and member of many scientific organizations. India International Friendship Society awarded him the prestigious "Shiksha Ratna Award" and

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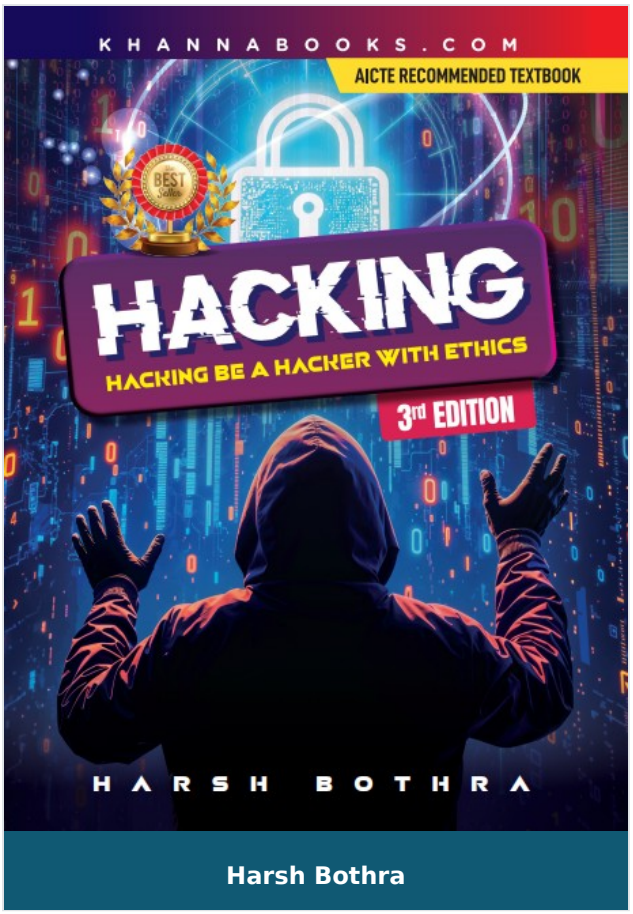

Harsh Bothra

Hacking (Hacking Be A Hacker With Ethics)

Author :	Harsh Bothra
ISBN 13 :	978-93-55384-57-7
ISBN 10 :	9355384577
E-ISBN 13 :	978-93-55384-57-7
Edition :	3
Pages :	224
Type of book :	Physical
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 295.00
Categories :	Computer Science Engineering, UNIVERSITY RECOMMENDED, Emerging Technologies, Book Store, Best Sellers
Condition Type :	New
Country Origin :	India

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4C/4344, Ansari Road, Daryaganj, New Delhi-110002

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In today's time where geographical boundaries are easily covered by Internet and computers with click of a button, there are lies risks within the ecosystem. Hacking somebody's details could lead to damages and losses.

In this book we have tried to provide a glimpse into the Technology world of the common terms and procedures used by the hackers to intrude into the system. It is a humble effort to make students understand with help of Diagram and Images the procedures through which the vulnerabilities are exploited.

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Harsh Bothra

Harsh Bothra is an offensive Cyber Security expert who has been working in this domain for about a decade. He started in this domain during high school and graduated with a computer science and engineering degree. He published the first version of his book, ‘Hacking: Be a Hacker with Ethics,” in 2016 and his second book in 2019. He holds an engineering degree in Computer Science and Engineering from Amity University Rajasthan. He has worked with different organizations in various roles, such as security consultants, senior security engineers, product security engineers, and triage analysts. Harsh specializes in penetration testing and offensive security in domains such as web applications, APIs, Mobile applications, infrastructure, Clod, and Container security. He is deeply interested in writing and has constantly contributed to the security community through various blogs and articles. He is also a seasoned speaker and has given multiple talks at various reputed security conferences. He also ran various learning activities and challenges like Learn365, Security Explained and Security Stories.

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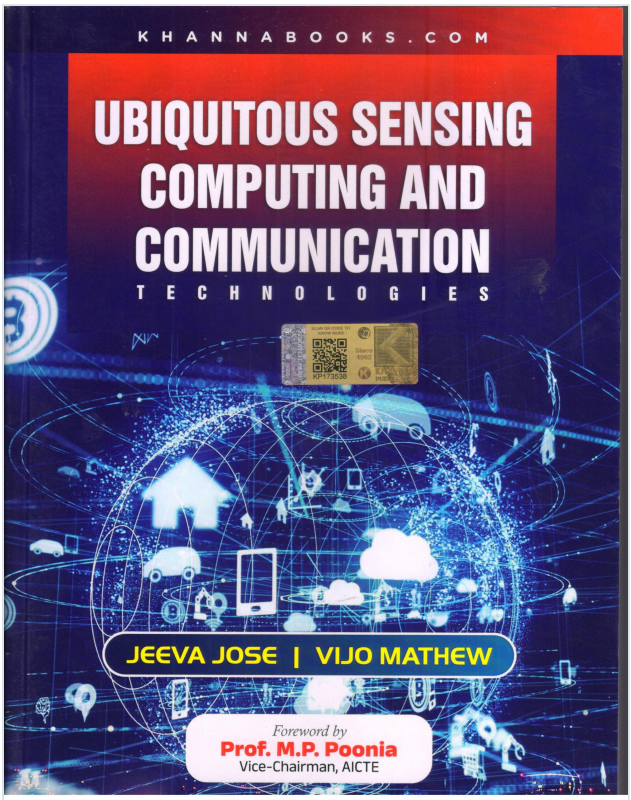

Jeeva Jose, Vijo Mathew

Ubiquitous Sensing Computing and Communication Technologies

Author :	Jeeva Jose, Vijo Mathew
ISBN 13 :	978-93-55381-99-6
ISBN 10 :	9355381999
E-ISBN 13 :	978-93-55381-99-6
Edition :	First
Pages :	446
Type of book :	Physical
Year :	2024
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 449.00
Categories :	Computer Science Engineering, Emerging Technologies, Book Store, Best Sellers
Condition Type :	New
Country Origin :	India

Product Description

Salient Features of the Books:

*Covers Complete AICTE syllabus of Iot-03 minor degree course- Ubiquitous Sensing, Computing and Communication.

* The Basics of IoT- Mechanical, Electronics and Sensor platforms are explained.

* Different wired and wireless protocols, mobile to Electronics and Enterprise integration are discussed.

* Open Source and Commercial Electronics Platform for IoT demonstrated.

* Details of Open Source and Commercial Enterprise cloud platforms for Io provided.

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- Wearable Computing
- Affective Computing
- Cognitive Computing
- Context Aware Computing
- Social Network
- IoT Data Analytics and Management
- Internet and Deep Web
- Search Techniques and Search Engines.

Author

Jeeva Jose

Dr. Jeeva Jose completed Ph. D. in Computer Science from Mahatma Gandhi University, Kerala, India and is a faculty member at BPC College, Kerala. Her passion is teaching and

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areas of interests include world wide web, Data Mining and Cyber laws. She has been in higher education for the last 15 years and has completed three research projects funded by UGC and KSCSTE. She has published more than twenty research papers in various refereed journals and conference proceedings. She has edited three books and has given many invited talks in various conferences. She is a recipient of ACM-W Scholarship provided by Association for Computing Machinery, New York.

Vijo Mathew

Vijo Mathew is a highly accomplished engineer with three decades of experience in driving innovation and growth in various electrical, electronics, and information technology industries. His track record is complemented by a postgraduate degree in management, equipping him to excel in business management, strategic management, and technology management. His expertise is highly valued in the fields of software, electrical and electronics hardware, and design where he provides strategic guidance and mentorship to organizations seeking to stay ahead of the curve. He has demonstrated a unique ability to bridge the gap between technology and business driving success through his visionary approach and collaborative leadership style. His leadership skills and technical acumen have made him an advisor to some reputed national and international corporations. As an advisor and strategic leader, he is helping organizations achieve their full potential through innovative solutions, effective management, and visionary leadership. He is also author of many books related to technology and management.

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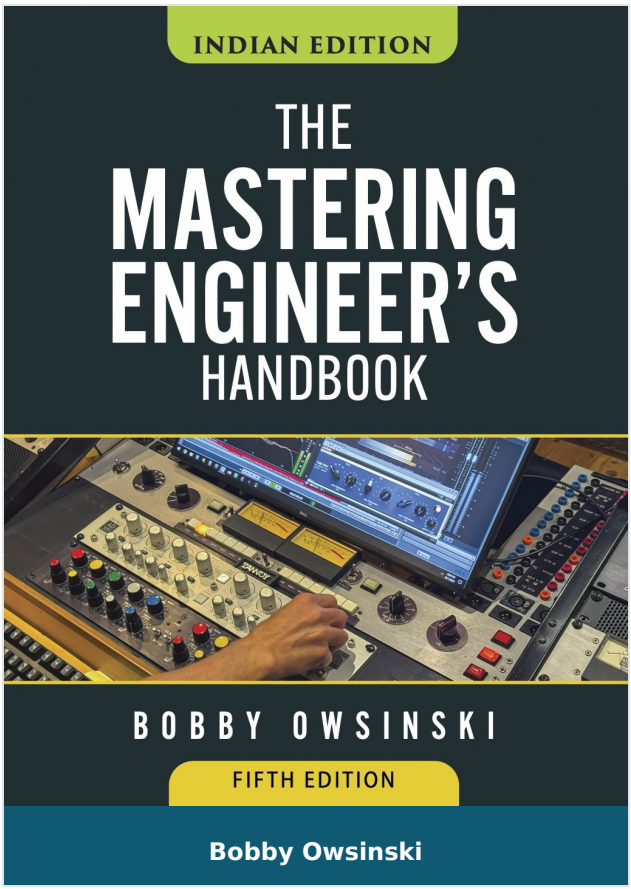

The Mastering Engineer's Handbook (Indian Edition)

Author :	Bobby Owsinski
ISBN 13 :	978-93-55387-06-6
ISBN 10 :	9355387067
E-ISBN 13 :	978-93-55387-06-6
Edition :	Fifth Edition
Pages :	281
Type of book :	Physical
Year :	2025
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 669.00
Categories :	Emerging Technologies, Book Store
Condition Type :	New
Country Origin :	India

Product Description

Self-Mastering Made Simple with Insider Secrets- Expert Advice from The Pros

Audio mastering remains the essential final step in the audio production process, where the recording ‘s final mix is polished and prepped for release and distribution. In this thoroughly updated fifth edition of Bobby Owsinski’s classic The Mastering Engineer’s Handbook, you’ll find the latest insights and techniques for creating professional-grade, well-mastered recordings.

With the growing availability of powerful, cost-effective mastering plugins and online services, today’s musicians and engineers have more resources than ever at their disposal. However, the challenge remains in understanding these tools and using them effectively. This newly redesigned edition not only covers the fundamentals of mastering but also drives into advanced techniques for both self-mastering or preparing your mix for professional mastering, using the latest developments in technology and industry trends. Whether you’re a seasoned pro or just getting started, this handbook will guide you through the entire mastering process with clarity and precision.

Topics Include:

. The simple technique for making a competitive-level master

. A brand-new chapter dedicated to the latest mastering plugins and how you can get results like a pro

. A new chapter on online mastering services and how to get the best results from them.

. An updated look at the latest in vinyl mastering, including the new eco-minded pressing options.

. A new chapter on mastering immersive audio formats like Dolby Atmos and Sony 360RA

. 7 new interviews with the hottest master engineers

. Everything you wanted to know about LUFS levels, including when they’re important and when to ignore them

, Understanding the gap between your work and professional mastering results

. A new Takeaways section at the end of each chapter to highlight the key points

The book also includes exclusive interviews with some of the most sought-after master engineers in the industry, who share their personal techniques and insider tips. Their expert advice will guide you in mastering your music with confidence, creativity, and precision.

Give your tracks the professional edge they deserve with the invaluable expertise offered in The Mastering Engineer’s Handbook, Fifth Edition.

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- Eric Boulanger – The Bakery
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- Bob Ludwig – Gateway Mastering
- Doug Sax – The Mastering Lab
- Glossary
- About Bobby Owsinski

Author

Bobby Owsinski

Bobby Owsinski is one of the bestselling authors in the music industry with 24 books that are staples in audio recording, music and music business programs in colleges around the world, including the Mixing Engineer’s Handbook, The Music Producer’s Handbook, Music 4.0: A Survival Guide for Making Music in the Internet Age, and more. He’s also a contributor to Forbes covering the new music business, his popular production and music industry blogs are over 8 million visits, and he’s appeared on CNN and ABC News as a music branding and audio expert. Visit BobbyOwsinskiBlog.com, his music industry blog at Music3Point0.com, his podcast at BobbyOlnnerCircle.com, and his website at BobbyOwsinski.com.

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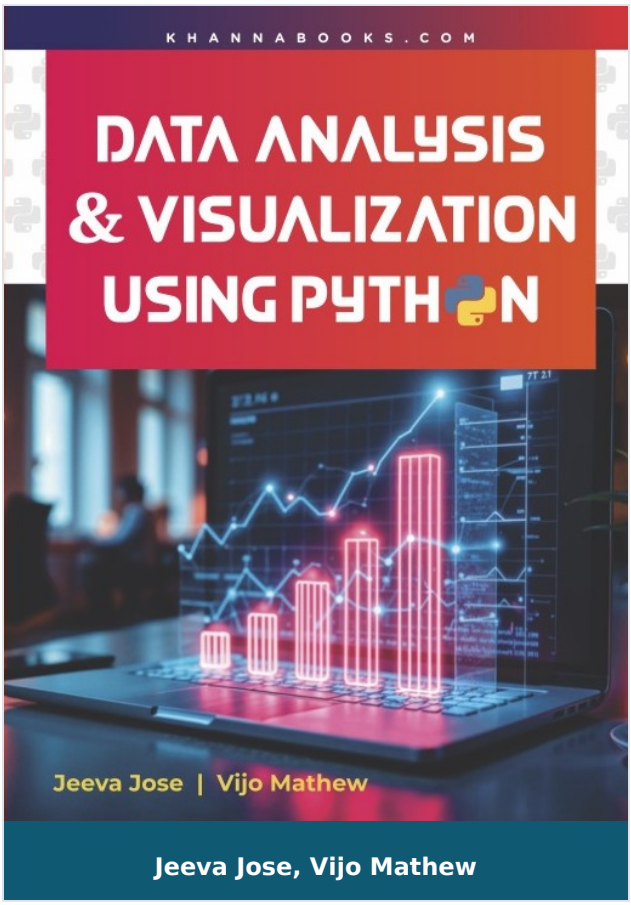

Data Analysis & Visualization Using Python

Author :	Jeeva Jose, Vijo Mathew
ISBN 13 :	978-93-55387-96-7
ISBN 10 :	9355387965
E-ISBN 13 :	978-93-55387-96-7
Edition :	1
Pages :	316
Type of book :	Physical
Year :	2025
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 448.00
Categories :	Emerging Technologies, Book Store
Condition Type :	New
Country Origin :	India

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Product Description

In The age of data - driven decision-making, the ability to analyze, interpret and visualize data has become an essential skill across disciplines. Whether in Academia, Business, healthcare, or engineering, data analysis enables us to uncover patterns, test hypotheses, and drive actionable insights. this book is designed to guide readers through the statistical data analysis and implementation of charts using python programming for visualization.

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- Data Visualization Using Matplotlib
- Data Visualization Using Seaborn
- Introduction to Plotly
- Probability Distributions
- parametric Tests
- Non-Parametric Tests
- Anova and Regression

Author

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Dr. Jeeva Jose completed Ph. D. in Computer Science from Mahatma Gandhi University, Kerala, India and is a faculty member at BPC College, Kerala. Her passion is teaching and areas of interests include world wide web, Data Mining and Cyber laws. She has been in higher education for the last 15 years and has completed three research projects funded by UGC and KSCSTE. She has published more than twenty research papers in various refereed journals and conference proceedings. She has edited three books and has given many invited talks in various conferences. She is a recipient of ACM-W Scholarship provided by Association for Computing Machinery, New York.

Vijo Mathew

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Vijo Mathew is a highly accomplished engineer with three decades of experience in driving innovation and growth in various electrical, electronics, and information technology industries. His track record is complemented by a postgraduate degree in management, equipping him to excel in business management, strategic management, and technology management. His expertise is highly valued in the fields of software, electrical and electronics hardware, and design where he provides strategic guidance and mentorship to organizations seeking to stay ahead of the curve. He has demonstrated a unique ability to bridge the gap between technology and business driving success through his visionary approach and collaborative leadership style. His leadership skills and technical acumen have made him an advisor to some reputed national and international corporations. As an advisor and strategic leader, he is helping organizations achieve their full potential through innovative solutions, effective management, and visionary leadership. He is also author of many books related to technology and management.

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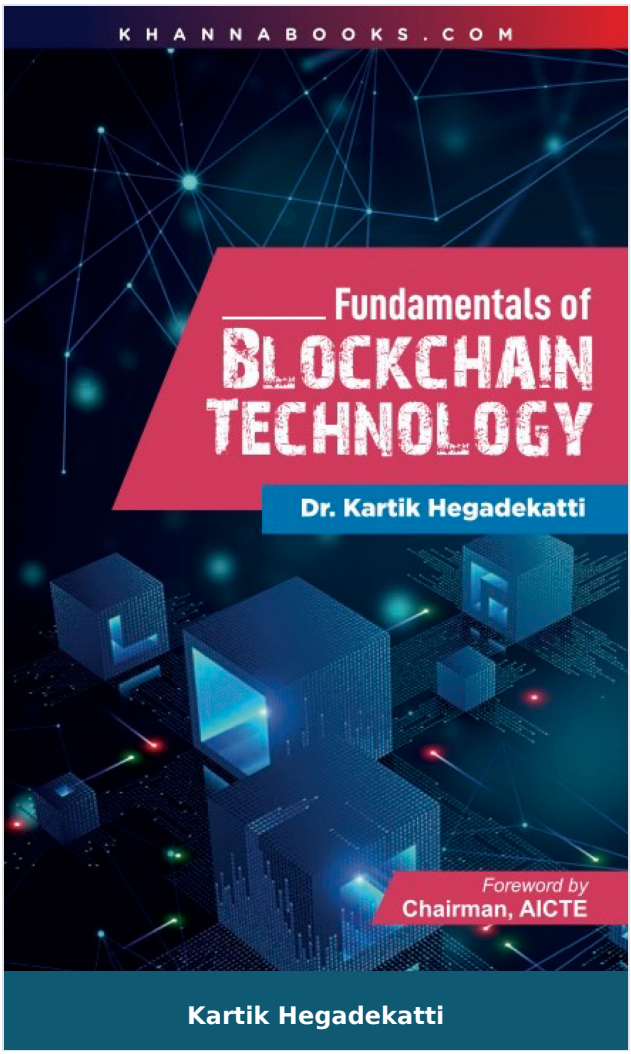

Fundamentals of Blockchain Technology

Author :	Kartik Hegadekatti
ISBN 13 :	978-93-55385-88-8
ISBN 10 :	9355385888
E-ISBN 13 :	978-93-55385-88-8
Edition :	1
Pages :	154
Type of book :	Physical
Year :	2024
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 199.00
Categories :	New Arrivals, Emerging Technologies, Book Store
Condition Type :	New
Country Origin :	India

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Product Description

'BLOCKCHAIN TECHNOLOGY' heralds a new social potential and is a disruptive innovation. Discovered as a basis for the cryptocurrency record keeping system, Blockchains are now used as reliable data storage systems universally.

Blockchain is a amper-proof, distributed, and decentralized system that can validate and record digital transactions. It is transparent, safe and protects the data integrity.

This fantastic technology is used in multiple fields like energy, education, healthcare, finance, voting, land records, intellectual property rights and lot more.

This book is about the Fundamentals of Blockchain technology, written by Dr. Kartik Hegadekatti, a senior Civil Servant in Government of India. He has worked extensively on Blockchains and is an authority on it. He has published more than 30 papers internationally and written various books on Blockchains and fintech.

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- Further Reading
- Question Bank.
- Answer Key
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Author

Kartik Hegadekatti

Anshul Kaushik is a consultant with over 15 years experience on network security domain. He has worked on various domains in information technology industry throughout his career. An alumni of BITS Pilani he is actively involved in new innovations and research programs. Currently he is working on the power sector's Smart platform. He is also a certified instructor from Indira Gandhi National Open University and teaches computer security weekends for the university.

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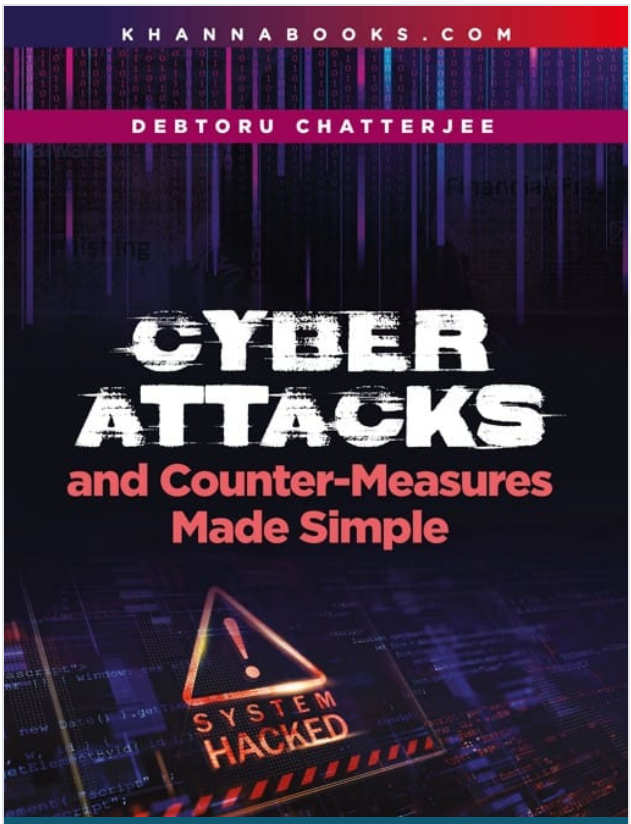

Debtoru Chatterjee

Cyber Attacks and Counter-Measures Made Simple

Author :	Debtoru Chatterjee
ISBN 13 :	978-93-55380-01-2
ISBN 10 :	9355380011
E-ISBN 13 :	978-93-55380-01-2
Edition :	First
Pages :	218
Type of book :	Physical
Year :	2023
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 299.00
Categories :	Emerging Technologies, Book Store, Best Sellers
Condition Type :	New
Country Origin :	India

Product Description

This book provides the readers the following insights into how:

1. Websites are hacked by exploiting command injection, file inclusion, file upload and other vulnerabilities.

2. Databases are compromised by basic and advanced SQL injection.

3. Browser clients are targeted by Cross-Site Scripting attacks.

4. Linux computers are breached by exploiting their vulnerabilities without recourse to social-engineering.

5. Forensic tools can be used to detect malicious intrusions in to systems.

6. Data in transit can be safeguarded by cryptographic and other mechanisms.

7. And cyber security tools that can be deployed against the above described cyber-attacks.

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- Website Attacks
- Breaking into Linux Computers
- File Inclusion Web Attacks
- File Upload Web Attacks
- Hacking the Database
- Targeting the Browser
- Forensics for Defense
- Protecting Data in Transit
- Cyber Preparedness

Author

Debtoru Chatterjee

Debtoru Chatterjee, an Indian Postal Service Officer (1994 batch), has served 11 years in a central police organization, including as an Inspector General, besides a five-year stint as an army Colonel. An honor graduate from Presidency College Calcutta, he holds and M.Sc. (Distinction) in Cyber Forensics and Information Security from the University of Madras; an MBA (IT Systems) (Distinction) from ICFAI; and a Master in Business Laws from National Law School, Bangalore. A keen student of Kali Linux and Python, he has also authored a companion book "Cyber-Crime and its Prevention in Easy Steps".

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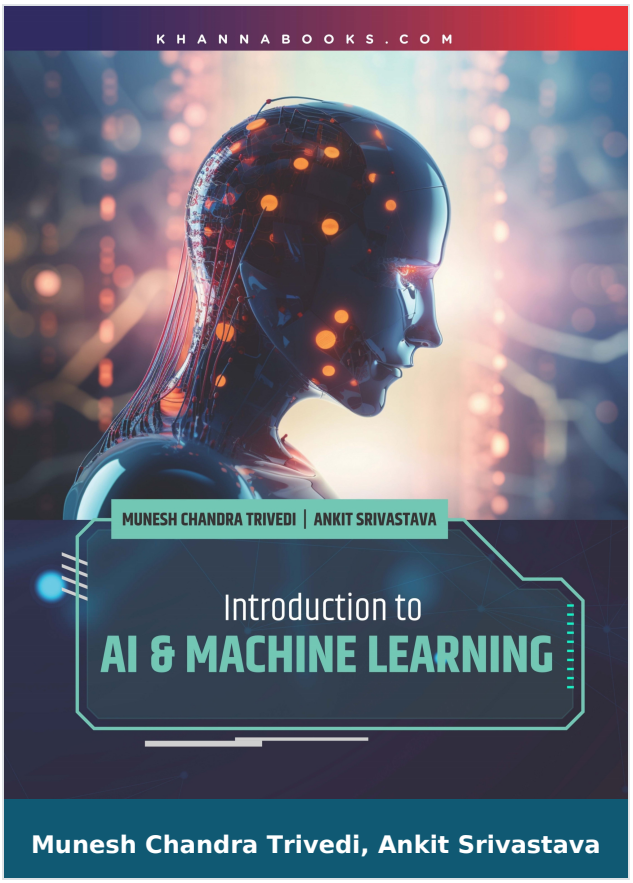

Introduction to AI & Machine Learning

Author :	Munesh Chandra Trivedi, Ankit Srivastava
ISBN 13 :	978-93-55386-88-5
ISBN 10 :	9355386885
E-ISBN 13 :	978-93-55386-88-5
Edition :	1
Pages :	336
Type of book :	Physical
Year :	2025
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 495.00
Categories :	Emerging Technologies, Book Store
Condition Type :	New
Country Origin :	India

Product Description

INTRODUCTION TO AI & MACHINE LEARNING

“Introduction to AI and Machine Learning” is a comprehensive guide designed for readers who are new to the fields of artificial intelligence (AI) and machine learning (ML) The book aims to demystify these valuable insights for those with some foundation Knowledge.

This book is ideal for students and educators seeking a thorough introduction to AI and ML. By the end of the book, readers will have a solid understanding of the fundamental concepts of AI and ML and will be able to write basic AI and ML programs using python.

KEY FEATURES OF THE BOOK

1. Simple Language: Utilizes straightforward and easily understandable language throughout the text.

2. Engaging Learning Experience: Incorporates hands -on activities to enhance the learning experience.

3. Foundational Concepts: Introduces AI and ML, covering weak vs. strong AI, machine learning methods (supervised, unsupervised and reinforcement learning), and optimization techniques.

4. Search Algorithms: Discusses Problem- solving strategies such as BFS, DFS, and A*, with illustrations from examples like the water jug and 8- queen problems.

5. Practical Applications: Highlights real- world applications across various industries, supported by case studies and examples.

6. Hands on Approach: Offers practical exercises and coding examples using python for a better understanding of the subject.

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- Artificial Intelligence.
- (Idea of Machine Learning).
- Linear Regression.
- (Logistic Regression).
- (Discussion on clustering).
- Question Bank

Author

Munesh Chandra Trivedi

Dr. Munesh Chandra Trivedi has more than 20 years of experience in the field of computer science & Engineering and has worked in Prestigious Institutions. He has more than 10 years' experience in various administrative responsibilities e.g., Dean (academics), Head of Department, TEQIP-111 Coordinator, PG coordinator, EDC cell Coordinator. Currently working Tripura, India, and Associate Professor and HoD (IT), Rajkiya Engineering College, Azamgarh, up (state Govt Institution of UP) with the additional responsibility of Dean Academics of the institute & Associate Dean UG Programs, Dr. APJ Abdul Kalam Technical University, Lucknow (State Technical University). He was also the Director (In-charge) at Rajkiya Engineering College, Azamgarh. He had successfully filed 81 patents (65 National and 16 International Patents (Germany, South Africa, and Australia)), out of which 40 patents were granted. He has published 12 textbooks and 168 research papers in different International Journals and proceedings of repute. He has also edited 38 books for springer Nature. He successfully supervised 14 PhD students and received numerous awards, including the Young scientist Visiting Fellowship, Albert Einstein Research scientist Award, Best senior Faculty Award, Outstanding Scientist, Dronacharya Award, Author of the Year, and vigyan Ratan award

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from different national, as well as international forums. He has organized more than 32 international conferences technically sponsored by IEEE, ACM, AND Springer. Dr.

Ankit Srivastava

Mr. Ankit Srivastava is a dedicated academic and researcher with over six years of teaching experience in various engineering colleges and the National Institute of Electronics and Information Technology (NIT), Agartala, Tripura, India. His research primarily focuses on medical imaging and image processing, with an emphasis on leveraging artificial intelligence to contribute to technological advancements in healthcare. Mr. Srivastava has published six research papers in reputed SCI-E and Scopus-Indexed Journal, as well as in several national and international conferences. He also holds three national patents and is the author of a book titled “Introduction to AI and Machine Learning.” His academic journey reflects a strong commitment to innovation, Knowledge dissemination, and research excellence in the field of artificial intelligence and its application in medical science.

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