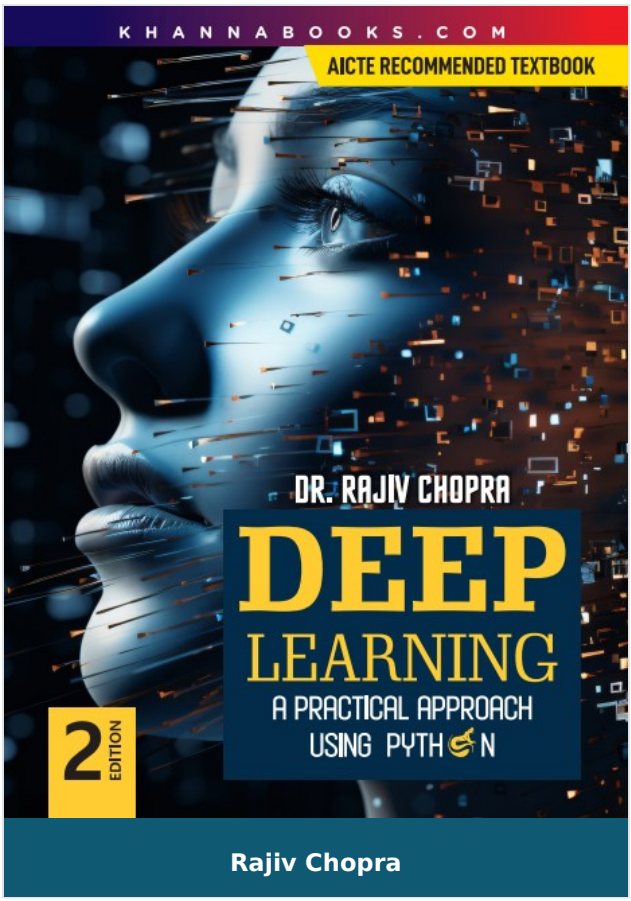

Deep Learning

Author :	Rajiv Chopra
ISBN 13 :	978-93-86173-41-6
ISBN 10 :	9386173417
E-ISBN 13 :	978-93-86173-41-6
Edition :	Second
Pages :	320
Type of book :	Physical
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 450.00
Categories :	Computer Science Engineering, Emerging Technologies, Book Store
Condition Type :	New
Country Origin :	India

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A good book is like a teacher who sits behind the reader and guides him/her accordingly. Deep Learning has been an area of current research. After toiling through the various concepts of Deep Learning, the book slithers around all principles of deep learning. This book highlights in deep the concepts of deep learning so that new projects and researchers can be done. The book serves, both as textbook and as a reference book .Some of the highlights of the book are: Simple Language, Recent Concepts of Machine and Deep Learning explained, MCQ's, Conceptual Short Questions & Answers, Case Studies, Case Tools (like Tensor Flow, H2O etc.)

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- Deep Feedforward Networks
- Deep Learning Optimization
- Convolutional Neural Networks
- Sequence Analysis
- Practical Deep Learning
- Applications of Deep Learning
- Deep Learning Survey
- Appendix A : Glossary
- Appendix B : Model Question Papers
- Project - 1: Training ANN & Acoustic Cryptography of Computer Keyboard
- Project - 2: Cryptography Using ANNs
- References
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Author

Rajiv Chopra

Dr. Rajiv Chopra has a Doctorate in Computer Science from Banasthali VidyaPith University. The author is M. Tech. in Information Technology from GGSIPU, Delhi. He did BE (CSE) from SDM College of Engg. and Technology, Dharwad and MIT from MAHE. He is working as an Associate Professor in CSE Department at Guru Tegh Bahadur Institute of Information Technology, GGSIPU Delhi. As an educator he has contributed to 21 research publications in Refereed, cited International Conferences and International Journals and

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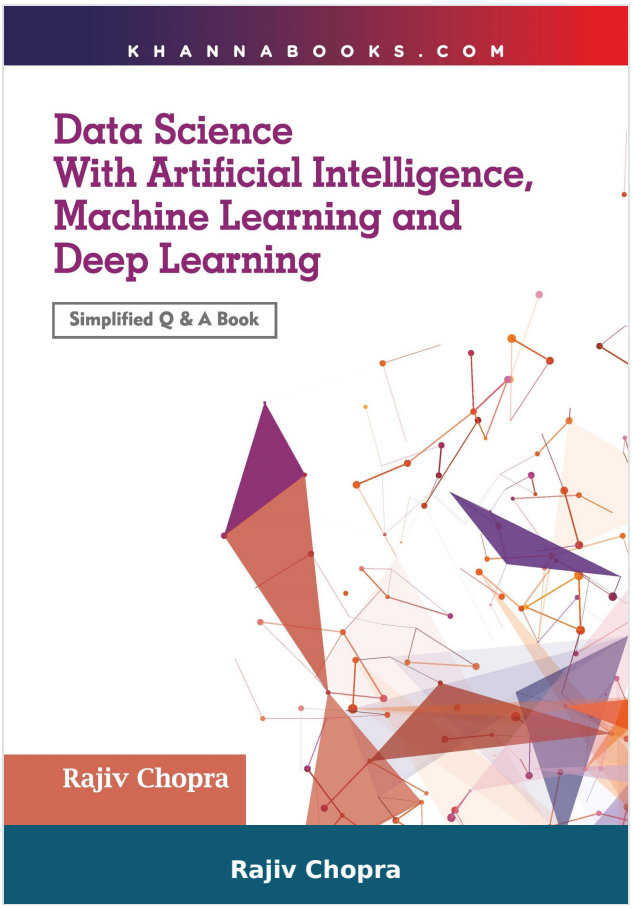

Data Science with Artificial Intelligence, Machine Learning and Deep Learning

Author :	Rajiv Chopra
ISBN 13 :	978-93-55380-82-1
ISBN 10 :	9355380828
E-ISBN 13 :	978-93-55380-82-1
Edition :	First
Pages :	956
Type of book :	Physical
Year :	2023
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 750.00
Categories :	Computer Science Engineering, OBJECTIVE TYPE BOOKS, Book Store
Condition Type :	New
Country Origin :	India

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A good book should teach the customary and effective ways to structure your code in such a way that data engineering is not havoc. Python is an object-oriented programming language that is used in this book .

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Unit-2 has 7 chapters that explain Machine Learning and IOT.

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- Deep Learning Survey
- Roses are Red, Violets are Blue, Deep Learning Can Recognize Objects for you.
- UIT lV: Data Science
- Data Science
- Glossary
- Model Question Papers
- References

Author

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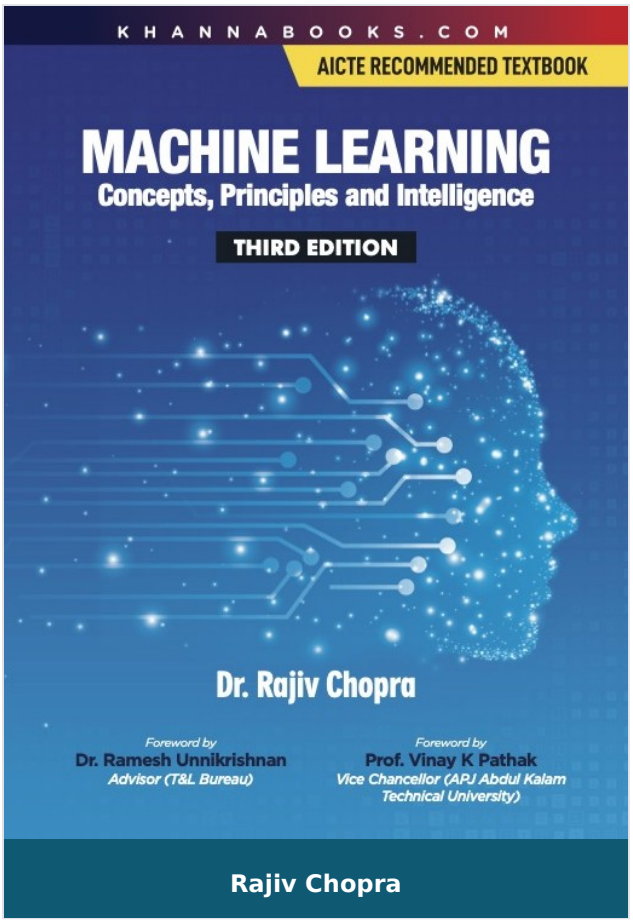

Machine Learning (Concepts, Principles and Intelligence)

Author :	Rajiv Chopra
ISBN 13 :	978-93-77089-88-7
ISBN 10 :	9377089883
E-ISBN 13 :	978-93-77089-88-7
Edition :	Third
Pages :	336
Type of book :	Physical
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 450.00
Categories :	Computer Science Engineering, UNIVERSITY RECOMMENDED, Computer Science Engineering, Emerging Technologies, Book Store, Best Sellers
Condition Type :	New
Country Origin :	India

Product Description

Machine Learning and Machine Intelligence is a complete book to read and perform practical in computer labs. Just reading theory cannot make you perform the practical(s). The present book is the composition of both, for the convenience of the students. Many of the Degrees or Diplomas or Certification Programs are being conducted in Machine Learning and Machine Intelligence fields, but it has become difficult for software companies to separate chaff from the grain. This book is an excellent guide for aspiring Data Science professionals and a valuable resource bank to perform experiments in AIDS and AIML branches.

| SALIANT FEATURES |

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- Demonstrates every experiment in a systematic and good programming style.
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- Unsupervised Learning and their Algorithms
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- IOT and Machine Learning
- Project-1: Object Detection and Smudging Using Gradient Descent
- Project-2: Spam Filtering based on Text Classification Using Machine Learning Algorithms
- Appendices-A: Glossary
- Appendices-B: End Term. Question Paper
- Lab Manual of Machine Learning
- Suggested list of ML Projects
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Author

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Dr. Rajiv Chopra has a Doctorate in Computer Science from Banasthali VidyaPith University. The author is M. Tech. in Information Technology from GGSIPU, Delhi. He did BE (CSE) from SDM College of Engg. and Technology, Dharwad and MIT from MAHE. He is working as an Associate Professor in CSE Department at Guru Tegh Bahadur Institute of Information Technology, GGSIPU Delhi. As an educator he has contributed to 21 research publications in Refereed, cited International Conferences and International Journals and

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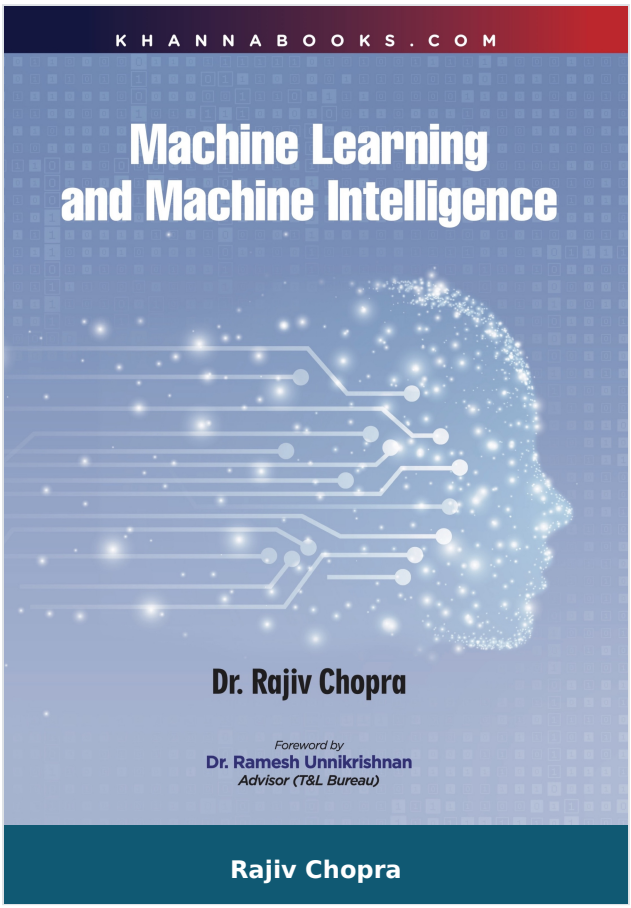

Machine Learning And Machine Intelligence

Author :	Rajiv Chopra
ISBN 13 :	978-93-55388-81-0
ISBN 10 :	9355388810
E-ISBN 13 :	978-93-55388-81-0
Edition :	1
Pages :	384
Type of book :	Physical
Year :	2024
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 498.00
Categories :	New Arrivals, Emerging Technologies, Book Store
Condition Type :	New
Country Origin :	India

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- Appendices-A: Glossary
- Appendices-B: Some Important Question for Revision
- Lab Manual of Machine Learning
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Author

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Dr. Rajiv Chopra has a Doctorate in Computer Science from Banasthali VidyaPith University. The author is M. Tech. in Information Technology from GGSIPU, Delhi. He did BE (CSE) from SDM College of Engg. and Technology, Dharwad and MIT from MAHE. He is working as an Associate Professor in CSE Department at Guru Tegh Bahadur Institute of Information Technology, GGSIPU Delhi. As an educator he has contributed to 21 research

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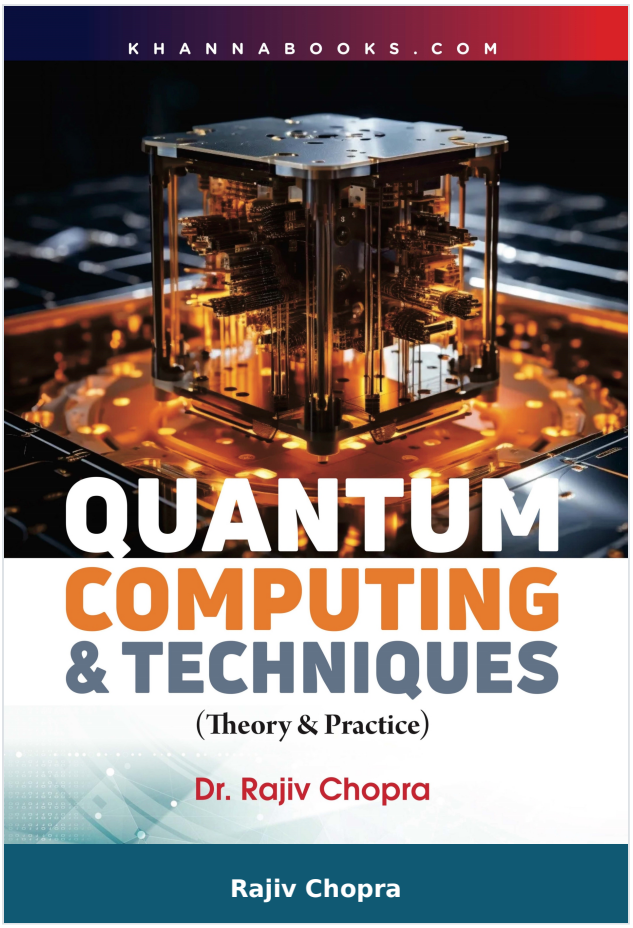

Quantum Computing & Techniques (Theory & Practice)

Author :	Rajiv Chopra
ISBN 13 :	978-93-55384-23-2
ISBN 10 :	9355384238
E-ISBN 13 :	978-93-55384-23-2
Edition :	1
Pages :	386
Type of book :	Physical
Year :	2025
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 598.00
Categories :	Emerging Technologies, Book Store
Condition Type :	New
Country Origin :	India

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- Computational Lower Bound Complexity for Quantum Circuits.
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- Quantum Cryptography.
- Appendix:
- Experiments in Quantum Computing Lab. (using Python).
- Index

Author

Rajiv Chopra

Dr. Rajiv Chopra has a Doctorate in Computer Science from Banasthali VidyaPith University. The author is M. Tech. in Information Technology from GGSIPU, Delhi. He did BE (CSE) from SDM College of Engg. and Technology, Dharwad and MIT from MAHE. He is working as an Associate Professor in CSE Department at Guru Tegh Bahadur Institute of Information Technology, GGSIPU Delhi. As an educator he has contributed to 21 research publications in Refereed, cited International Conferences and International Journals and attended 21 conferences, workshops, FDPs and seminars. He is a prolific author with 26 Text and Reference books to his credit,for B. Tech. (CSE/IT), M. Tech. (CSE/IT), BCA, MCA and other courses of different Universities of India.

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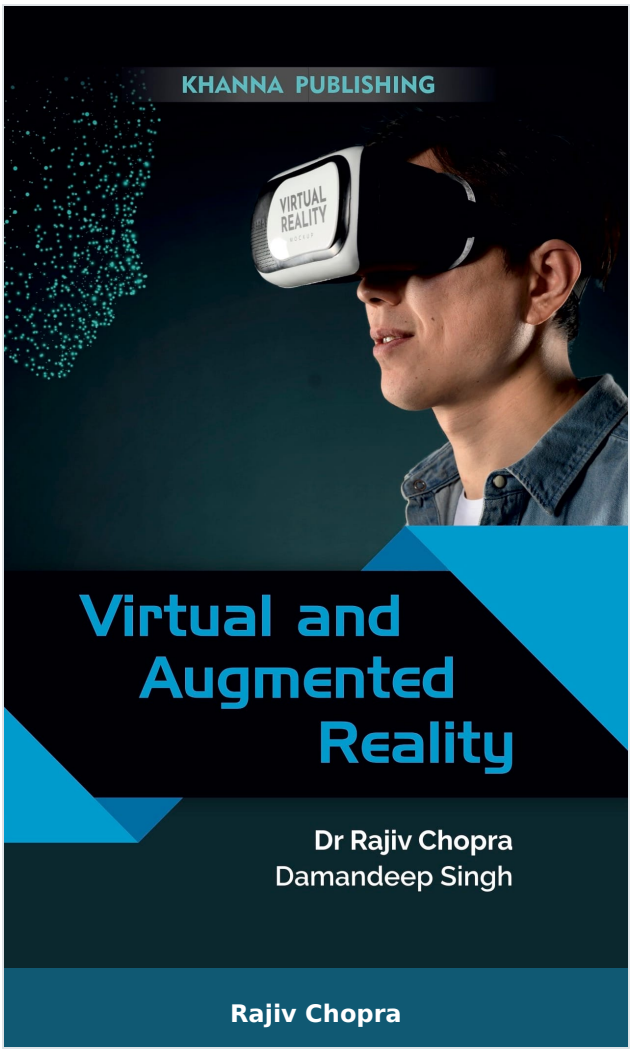

Virtual and Augmented Reality

Author :	Rajiv Chopra
ISBN 13 :	978-93-90779-00-0
ISBN 10 :	9390779006
E-ISBN 13 :	978-93-90779-00-0
Edition :	First
Pages :	188
Type of book :	Physical
Year :	2021
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 199.00
Categories :	Emerging Technologies, Book Store
Condition Type :	New
Country Origin :	India

Product Description

Tapping the full power of virtual and augmented reality need not be very difficult. This book on Virtual and Augmented Reality is written according to the students who have learned computer graphics and multimedia but want to take their skills to the next level. VR and AR book demonstrates techniques that allow you to analyze how virtual reality is covering almost all aspects of our life. the increasing penetration of VR and AR gives rise to some new strategic queries. Using VR, many companies have satisfied their customers to 95% World giants like GE, Mayo Clinic and the US Navy, are using VR and AR to improve productivity, quality and training. By concatenating the benefits of humans and machines, AR will dramatically increase the value creation.

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Author

Rajiv Chopra

Dr. Rajiv Chopra has a Doctorate in Computer Science from Banasthali VidyaPith University. The author is M. Tech. in Information Technology from GGSIPU, Delhi. He did BE (CSE) from SDM College of Engg. and Technology, Dharwad and MIT from MAHE. He is working as an Associate Professor in CSE Department at Guru Tegh Bahadur Institute of Information Technology, GGSIPU Delhi. As an educator he has contributed to 21 research publications in Refereed, cited International Conferences and International Journals and attended 21 conferences, workshops, FDPs and seminars. He is a prolific author with 26 Text and Reference books to his credit,for B. Tech. (CSE/IT), M. Tech. (CSE/IT), BCA, MCA and other courses of different Universities of India.

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