### Call for Book Chapters/Research Papers for Edited Book

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## Future Trends in Machine Learning and Deep Learning Applications



### Series Editors



Dr. Tariq Hussain Sheikh Lecturer Department of Computer Science Applications Govnernment Degree College Poonch 7051071044



Dr. Ashish Khanna Associate Professor Computer Science and Engineering Maharaja Agrasen Institute of Technology (GGSIPU) Sector-22, Rohini, Delhi, India

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# Call for Chapters Future Trends in Machine Learning and Deep Learning Applications

### Aim & Scope

Machine learning is a subfield of artificial intelligence, which is broadly defined as the capability of a machine to imitate intelligent human behavior. Artificial intelligence systems are used to perform complex tasks in a way that is similar to how humans solve problems. Deep learning is a subset of machine learning, which is essentially a neural network with three or more layers. These neural networks attempt to simulate the behavior of the human brain—albeit far from matching its ability—allowing it to "learn" from large amounts of data.

**Future Trends in Machine Learning and Deep Learning Application** tends to publish chapters of original, innovative and creative research results in the field, and is designed to focus on research in knowledge-based and other Machine Learning and Deep Learning techniques-based systems with the following objectives and capabilities: to support human prediction and decision-making through data science and computation techniques; to provide a balanced coverage of both theory and practical study in the field; and to encourage new development and implementation of knowledge-based intelligence models, methods, systems, and software tools, with applications in business, government, education, engineering and healthcare.

### This Book invite chapters of current leading topics are but not limited to:

- Machine learning theory, methodology and algorithms
- Introduction to Machine Learning and Deep Learning
- Introduction to Neural Networks
- Machine Learning Algorithms
- · Deep Learning Algorithms
- Applications to Machine Learning
- Application to Deep Learning
- Knowledge presentation and engineering
- Recommender systems and E-service personalization
- Intelligent decision support systems, prediction systems and warning systems
- Computational Intelligence systems
- Data-driven optimization
- Cognitive interaction and brain-computer interface

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