Special Issue

Advances in Machine and Deep Learning

Message from the Guest Editors

This Special Issue aims to foster the development of ML and DL methodologies, promote their practical implementation, and address ongoing challenges in various fields.

- Simplifying parameter complexity in DL models.
- Develop transparent methods to clarify hidden components and validate model outputs.
- Introducing adaptive evolution and model refinement through weight adjustments and structural pruning.
- Exploring innovative ML and DL techniques and integrating them with established architectures.
- Advancing soft computing and AI environments using DL, expanding applications across big data, IoT, social media mining, and web applications.
- Advancements in NLP algorithms for text classification, sentiment analysis, and machine translation.
- Integrating DL techniques with NLP for enhanced language understanding and generation.
- Ethical considerations in NLP, including bias mitigation and fairness in language processing models.
- Applications of NLP in healthcare, finance, customer service, and other domains.
- Innovations in multilingual NLP models and cross-lingual transfer learning.
- Applications and issues regarding LLM.

Guest Editors

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Deadline for manuscript submissions

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About the Journal

Message from the Editor-in-Chief

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