Special Issue

Advances in Machine Learning and Data Mining: Emerging Trends and Applications

Message from the Guest Editor

Machine learning (ML) and data mining (DM) have significantly transformed various sectors by providing sophisticated techniques to analyze and extract valuable insights from vast datasets. As these technologies evolve, they offer new opportunities and challenges across diverse applications. The continued advancement in ML and DM is driven by emerging trends, innovative methodologies, and the need to address complex real-world problems. This Special Issue aims to explore these cutting-edge trends and their applications across various domains, reflecting these technologies' rapid progress and interdisciplinary impact. This Special Issue's scope encompasses foundational advancements and practical applications of machine learning and data mining. We seek contributions highlighting novel approaches, theoretical advancements, and practical implementations. Topics of interest include but are not limited to emerging algorithms and models, applications across domains, interdisciplinary integration, data management and processing, and ethics and fairness.

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researchers may lose themselves in the deep forest of
the ever increasing number of subfields being created.
This open access journal Applied Sciences has been
started to link these subfields, so researchers can cut
through the forest and see the surrounding, or quite
distant fields and subfields to help develop his/her own
research even further with the aid of this multi-
dimensional network.

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