Special Issue

AI-Based Supervised Prediction Models

Message from the Guest Editor

This Special Issue, titled "AI-based Supervised Prediction Models", focuses on the development, analysis, and application of supervised machine learning (ML) techniques in diverse real-world domains. Supervised learning, one of the most widely used branches of artificial intelligence (AI), involves training algorithms on labeled datasets to make accurate predictions or classifications. This Special Issue provides a platform for researchers and practitioners to explore innovative methodologies, architectures, and evaluation strategies that enhance the predictive capabilities and interpretability of AI models. Papers that demonstrate the use of supervised AI models to uncover insights from complex datasets, improve decision-making, or personalize user experiences are particularly encouraged. Additionally, comparative studies highlighting the performance of various supervised techniques and papers proposing novel metrics for evaluating model effectiveness are of high interest. Overall, this Special Issue aims to showcase state-of-the-art research that advances the field of supervised AI and contributes to the creation of intelligent, adaptive, and trustworthy predictive systems.

Guest Editor

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, 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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