Special Issue

Application of Artificial Intelligence, Machine Learning and Data Science in Industrial and Medical Domains

Message from the Guest Editors

We invite you to contribute to this Special Issue on the "Application of Artificial Intelligence, Machine Learning and Data Science in Industrial and Medical domains". This Special Issue aims to foster collaboration and discussion on the applications of AI, ML and DS mathematical models and their impact on real-world domains. AI algorithms and ML techniques allow organizations to extract valuable insights from massive amounts of data, enabling businesses to make data-driven, operational and strategic decisions and gain a competitive advantage. This Special Issue seeks original manuscripts that report novelty results about the design, development and applied solutions of intelligent systems in areas such as Process Automation and Optimization, Predictive Analytics and Forecasting, Medical Diagnosis, Education, Robotics, Cybersecurity, Data-Driven Decision Systems and Industry, especially manuscripts that emphasize the description of the mathematical models involved.

Guest Editors

Dr. Gustavo Arroyo-Figueroa

Prof. Dr. Juan Humberto Sossa-Azuela

Prof. Dr. Osslan Osiris Vergara Villegas

Deadline for manuscript submissions

31 December 2025

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About the Journal

Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

Editor-in-Chief

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