

Special Issue

Data Analytics and Quality 4.0: Innovations and Applications

Message from the Guest Editor

Integrating data analytics and Quality 4.0 are today vital as businesses leverage data-driven insights for operational optimization to contend with market demands. This Special Issue on data analytics and Quality 4.0 underscores the critical importance of exploring the intersection of data analytics and quality management within the context of Industry 4.0. This issue addresses the transformative potential of advanced analytics techniques in reshaping quality management practices across diverse sectors, including machine learning, artificial intelligence, and big data analytics. This Special Issue aims to combine scholarly research and practical applications regarding the evolving landscape of data analytics and Quality 4.0 through a curated collection of methodologies, case studies, and best practices. Ultimately, the goal is to propel academic inquiry and industrial innovation forward, facilitating the adoption of data-driven strategies for quality enhancement in the era of Industry 4.0.

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