Special Issue

Internet of Things (IoT) and Cloud/Edge Computing

Message from the Guest Editor

The rapid growth of the Internet of Things and cloud/edge computing has dramatically changed the way that information is created, processed, and utilized in many fields. This Special Issue is dedicated to exploring the synergy between IoT and cloud/edge computing for changing data management, security, and real-time processing. Big-data-generated IoT devices guarantee high scalability, low latency, and better decision-making with cloud/edge infrastructures. We invite original research, reviews, and case studies addressing innovative solutions and challenges within this domain. Of interest are topics related to data processing frameworks, information security and privacy, resource management, edge intelligence, energy efficiency, and real-time analytics in IoT–cloud/edge systems. Theoretical development, concrete implementations, and hybrid models—balancing cloud and edge computing in IoT environments—are also sought. This Special Issue aims to develop a thorough understanding of how IoT and cloud computing reshape contemporary information systems, offering academic insights into practical benefits and emerging trends, and future research directions.

Guest Editor

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Message from the Editor-in-Chief

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