Special Issue

Data Analytics in IoT Ecosystems

Message from the Guest Editors

The growing number of Internet of Things (IoT) devices deployed across all parts of the smart ecosystem have the potential to change our understanding of how smart cities work. There is immense potential for the better use of data across all city services, but city managers also need to address some major challenges. The aim of this Special Issue is to provide a foundation to researchers for sharing their experiences in defining the issues, challenges, and solutions for addressing IoT and its related challenges. Potential topics include but are not limited to:

- IoT datasets;
- Edge computation for IoT systems;
- Efficient algorithms, applications, architecture, and protocols for smart city data;
- Big data analytics for urban IoTs;
- Deep learning techniques for IoT datasets;
- Intelligent data processing techniques for smart cities;
- Machine learning techniques for smart cities;
- Network resource management techniques for efficient IoT management;
- Risk and disaster management prediction using IoT behavior;
- Data frameworks for smart cities;
- Smart city and urban infrastructure development;
- Standardization efforts for IoT and smart city.

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About the Journal

Message from the Editor-in-Chief

Data is an open access journal that publishes scientific data in a reliable, citable, and accountable manner. Data grants the opportunity to formally share valuable data, for academic credit. It covers a wide range of disciplines in which data is generated so that published data is discoverable and available for wider re-use. The journal has highly accomplished scientists from a variety of disciplines on the editorial board. The publication emphasizes clarity, honesty, quality, and novelty and has a rigorous peer-review process. We strongly encourage you to share your data vision in Data.

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