Special Issue

Data Science and Big Data in Biology, Physical Science and Engineering

Message from the Guest Editor

Nowadays, Big Data analysis is one of the most contemporary areas of development and research. Tremendous amounts of data are generated every single day from digital technologies and modern information systems, such as cloud computing and Internet of Things (IoT) devices. Analysis of these enormous amounts of data became a crucial need and require a lot of effort in order to extract valuable knowledge for decision making which in turn will help in both academia and industry. Big Data and Data Science have appeared due to the significant need for generating, storing, organising and processing immense amounts of data. Data Scientists strive to use Artificial Intelligence (AI) and Machine Learning (ML) approaches and models to allow computers to detect and identify what the data represents and be able to detect patterns more quickly, efficiently and reliably than humans. The goal behind this Special Issue is to explore and discuss various principles, tools and models in the context of Data Science, besides diverse and varied concepts and techniques in Big Data in Biology, Chemistry, Biomedical Engineering, Physics, Mathematics and other areas that work with Big Data.

Guest Editor

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Deadline for manuscript submissions

closed (30 September 2023)

Technologies

an Open Access Journal by MDPI

Impact Factor 3.6
CiteScore 8.5

mdpi.com/si/78729

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Editor-in-Chief

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