Big Data Intelligence in Healthcare Applications

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Message from the Guest Editors

Dear Colleagues,

In the last two decades, big data has been extensively studied in various sectors of different industries. In healthcare, big data from various sources, including medical records of patients such as CT, fMRI images, EEG signals and diagnosis recorded in medical centers, and even health monitoring devices harnessing the Internet of Things, have been generated and analyzed with an aim to exploit their great potential hidden within.

In this Special Issue, we solicit original articles from a wide variety of interdisciplinary perspectives concerning the theory and application of big data management and analytics in healthcare. The list of topics includes (but is not limited to): the application of big data technologies in bio- and clinical medicine, healthcare IoT, machine learning-based decision support, data analytics and mining, and big data management in healthcare. Furthermore, we would like to place emphasis on the practical aspect of the study. Hence, the inclusion of a clinical assessment of the usefulness and potential impact of the submitted work is strongly recommended.

Special Issue

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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