

Special Issue

Machine Learning and Deep Learning for Healthcare Data Processing and Analyzing

Message from the Guest Editors

Healthcare data processing refers to the recording, storage, analysis and management of physiological data related to the healthcare industry. In the COVID-19 pandemic, AI-assisted diagnostics played an important role in the early detection of different pathologies and fine-grained classification of patients. The electronic medical records (EHRs) and AI algorithms are reshaping modern diagnostics, making precise medicine and data-driven healthcare in the big data era a reality. The healthcare data are recorded from the patients using biomedical signal recording instruments and medical imaging modalities, as well as wearable sensors. The automated analysis of healthcare data using AI algorithms is important for the diagnosis of various diseases. This Special Issue will help to demonstrate the applications of machine learning and deep learning for different healthcare data processing. This Special Issue welcomes high-quality original research papers and review papers on the applications of machine learning and deep learning methods for healthcare data analysis.

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