Artificial Intelligence Applications in Medical Data Analysis and Healthcare Virtual Assistants

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Message from the Guest Editor

This Special Issue is intended to be a forum for sharing the latest advancements and exploratory research in the integration of Artificial Intelligence (AI) within the medical and healthcare domains. We seek innovative research that leverages AI, Natural Language Processing (NLP), Large Language Models (LLMs), and comprehensive data architectures to foster the development of medical devices and virtual assistants in healthcare. Contributions are encouraged in areas such as data engineering and data science that underscore the enhancement of healthcare outcomes. Through this confluence of technologies and methodologies, our objective is to spotlight groundbreaking approaches and technologies that pave the way for a transformative impact on patient care, medical procedures, and the overall healthcare ecosystem.

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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