Predictive Analytics in Healthcare

Guest Editor:

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Deadline for manuscript submissions:
closed (20 May 2024)

Message from the Guest Editor

Dear Colleagues,

Predictive analytics aims to alert clinicians and caregivers of the likelihood of events and outcomes before they occur, helping them to prevent and cure health issues. It utilises various techniques including modelling, data mining, and statistics, as well as artificial intelligence to evaluate historical and real-time data and make predictions about the future. These predictions offer a unique opportunity to see into the future and identify future trends in patient care both at an individual level and at a cohort scale.

We are interested in articles that explore predictive analysis. Potential topics include, but are not limited to, the following:

- Data mining techniques and machine learning in healthcare;
- Benefits and significance of predictive analytics;
- Challenges and opportunities of big data analytics;
- Impact on care;
- Legal and ethical considerations of predictive analytics in healthcare.

Dr. Rasa Ruseckaite
Guest Editor

Special Issue

Editor-in-Chief

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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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