Special Issue

Artificial Neural Network and Deep Learning in Cybersecurity

Message from the Guest Editors

The advances in information technology have led to numerous benefits and opportunities for industries, individuals, and society due to the increasing availability of data. The use of analytics approaches has led to the development of increasingly sophisticated applications, spanning from personalized medicine and e-commerce to crowd management and fraud detection. This Special Issue will publish high-quality and original research articles in the context of cybersecurity by focusing on neural networks and deep learning-based methodologies/techniques for identifying and preventing cybersecurity issues. In particular, research topics will include methodologies and strategies addressing cybersecurity aspects affecting real society, such as the definition of anonymization strategies to be applied over sensitive data in a data analytics scenario, privatization strategies enabling data processing, privacy-preserving methodologies for social network data, strategies and methodologies to help users in being aware of privacy threats linked to the mismanagement of sensitive data and a definition of new proposals for cyber social security.

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About the Journal

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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