Special Issue

AI Applied to Data Visualization

Message from the Guest Editors

Data visualization has always been fundamental to enhance human cognition. However, the data to be processed and comprehended is now more massive and complex than ever. Moreover, finding the best data visualization depends not only on the data and their possible graphical representations, but also on the end-users' expectations and their intended interactions. The application of AI to data visualization is an emerging area that may help to create and enhance visualizations, facilitate user interactions, and aid visualization analysis. The aim of current AI-based data visualizations is to facilitate tasks related to data such as transformations, assessment, mining, comparison, querying, recommendation, reasoning, human interaction, and inmersiveness. This Special Issue is dedicated to new approaches and perspectives of the application of AI to data visualization and multidisciplinary research areas.

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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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