Special Issue

Data Mining Applications in Industry 4.0

Message from the Guest Editors

Large amounts of data can be utilized efficiently for production control. The predictive management and evaluation of production data and their analysis requires the implementation of suitable tools. The traceability allows saving valuable time and effort when analysing the production process. Big data and machine learning tools can also be used to optimize machine settings. Implementing them in the production process brings many advantages. There is still much to explore regarding this new set of tools in the proactive and predictive use of the existing production data. This Special Issue intends to deepen the knowledge of data mining applications, one of the main aspects of Industry 4.0. The potential benefits that data mining applications can bring are diverse; therefore, contributions from different areas of research are welcome. Researchers are encouraged to submit contributions that touch on several aspects of data mining applications in the Industry 4.0 context and its relationship with several contiguous topics.

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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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