Text Mining, Machine Learning, and Natural Language Processing

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Message from the Guest Editors

This Special Issue will address text mining techniques to perform different tasks on textual data. Text mining uses techniques from machine learning and natural language processing to perform a set of tasks, such as knowledge extraction, information extraction, summarization, name entity extraction, relations extraction, text embeddings, sentiment classification, topic modelling, fake news identification, and others.

Topics of interest include but are not limited to the following:

- Text classification and clustering;
- Text representation using word, sentence, and document embeddings;
- Text preprocessing using NLP techniques;
- Text summarization;
- Web and social content mining;
- Information and knowledge extraction from textual corpora;
- Text mining applications in different domains, such as legal, news, and biomedical;
- Sentiment classification;
- Opinion mining;
- Topic modeling.

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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