Special Issue

Application of Machine Learning in Text Mining

Message from the Guest Editors

Text mining is an automatic process of extracting knowledge from unstructured text—especially Web text, books, emails, reviews or micro-text of SNS, clinical medical records, lyrics, etc.---using natural language techniques. The process has many subtasks, such as text classification, text clustering, text summarization, text visualization, information retrieval, information extraction, word and/or document embeddings, and so on. It has a wide range of applications in patent analysis, copyright analysis, internet security, text classification for news articles, bioinformatics, anti-spam filtering, lyric text mining, advertisement funnel, sentiment analysis (product reviews, customer surveys, movie reviews, polls, etc.), and more. The topics of interest for this Special Issue include but are not limited to the following:

- Information retrieval
- Information extraction
- Relation extraction
- Named-entity recognition
- Sentiment analysis
- Text categorization
- Text clustering
- Text summarization
- Fake news detection
- Topic detection
- Trend detection
- Topic tracking
- Language detection
- Intent detection

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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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