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Machine Learning and Natural Language Processing (ML & NLP)

Guest Editor:

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Message from the Guest Editor

The Special Issue is concerned with textmining and natural language processing, which comprises, among other things:

- Ontology, embeddings (static), transformers (contextual embeddings), NER (named entities recognition), text classification, text generation (GAN), text summarization, word clustering, sentiment analysis, pattern recognition, tagging/annotations, document summarization, entity extraction, etc.

The Special Issue is dedicated to the modelization (statistical models) applied to texts, such as supervised and non-supervised models, and algorithms that help to identify patterns in texts.

A special focus could be placed on explainable artificial intelligence (XAI), i.e., neural networks applied to texts in order to determine words and sentences that contribute to the prediction/classification made by the neural network.

Applications to all kinds of texts is welcome, and in this respect many fields may be covered: health, biomedical research, law, jurimetrics, economics, finance, etc.



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Special Issue