Natural Language Processing (NLP) and Machine Learning (ML)—Theory and Applications

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Deadline for manuscript submissions:
30 November 2021

Message from the Guest Editors

Natural language processing (NLP) is one of the most important technologies in use today due to the large and growing amount of online text that needs to be understood to fully ascertain its enormous value. Although many machine learning models have been developed for NLP applications, recently, deep learning approaches have achieved remarkable results across many NLP tasks. This Special Issue focuses on the use and exploration of current advances in machine learning and deep learning for NLP topics including (but not limited to) information extraction, information retrieval and text mining, text summarization, computational social science, discourse and dialog systems, interpretability, ethics in NLP, linguistic theories, NLP for social good. This Special Issue provides a platform for researchers from academia and industry to present their novel and unpublished work in the domain of natural language processing and its applications, with a focus on applications of machine learning and deep learning in the broad spectrum of research areas that are concerned with computational approaches to natural language. This will help to foster future research in NLP and related fields.

Special Issue

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Message from the Editor-in-Chief

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