



Mathematics

an Open Access Journal by MDPI

CiteScore: 4.6

Impact Factor: 2.2

Special Issue Reprint

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

Edited by: Florentina Hristea and Cornelia Caragea

Natural language processing (NLP) is one of the most important technologies in use today, especially due to the large and growing amount of online text, which needs to be understood in order to fully ascertain its enormous value. During the last decade, the application of machine learning techniques has led to achievement of higher accuracy in many types of NLP applications. Although numerous machine learning models have been developed for NLP applications, deep learning approaches have recently achieved remarkable results across many NLP tasks. The present book contains all the articles accepted and published in the Special Issue “Natural Language Processing (NLP) and Machine Learning (ML)—Theory and Applications” of the MDPI journal *Mathematics*. A large range of research topics of NLP have been touched upon within this Special Issue, showcasing the diversity and dynamics of this perpetually evolving field, which is providing one of the most important technologies in use today. This Special Issue has provided a platform for researchers to present their novel work in the domain of NLP and its applications, with a focus on applications of machine learning and deep learning in this field. We hope that this will help to foster future research in NLP and all its related

