Special Issue

Deep Learning and Explainability for Sentiment Analysis

Message from the Guest Editors

Sentiment analysis methodologies have been investigated and employed by researchers in the past to provide methodologies and resources to stakeholders. How to include sentiment information in word-embedding representations to boost the performances of deep learning models, as well as explain what deep learning models (often employed as a black-box) learn are questions that still remain open and need further research and development. This Special Issue aims to foster discussions about the design, development, and use of deep learning models and embedding representations which can help to improve state-of-the-art results, and at the same time enable interpreting and explaining the effectiveness of the use of deep learning for sentiment analysis. We invite theoretical works, implementations, and practical use cases that show benefits in the use of deep learning with a high focus on explainability for various domains.

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Deadline for manuscript submissions

closed (30 June 2022)

Electronics

an Open Access Journal by MDPI

Impact Factor 2.6
CiteScore 6.1

mdpi.com/si/65360

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Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

Editor-in-Chief

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