

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.

Guest Editors

Prof. Dr. Diego Reforgiato Recupero

Department of Mathematics and Computer Science, Università degli Studi di Cagliari, 09124 Cagliari, Spain

Prof. Dr. Harald Sack

FIZ Karlsruhe / KIT Karlsruhe, Karlsruhe, Germany

Dr. Danilo Dessim

FIZ Karlsruhe / KIT Karlsruhe, Karlsruhe, Germany

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Electronics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
electronics@mdpi.com

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Editor-in-Chief

Prof. Dr. Flavio Canavero

Department of Electronics and Telecommunications, Politecnico di Torino, 10129 Torino, Italy

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