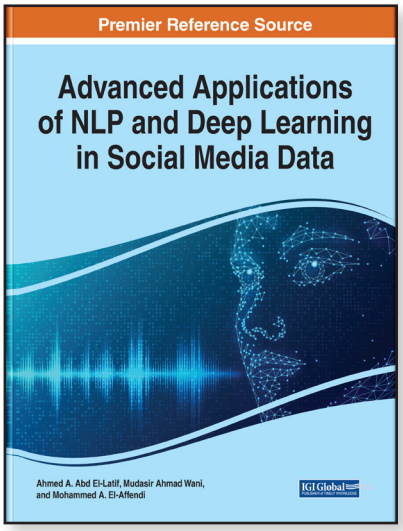
Advanced Applications of NLP and Deep Learning in Social Media Data

Part of the Advances in Social Networking and Online Communities Book Series

Ahmed A. Abd El-Latif (Menoufia University, Egypt & Prince Sultan University, Saudia Arabia, Saudi Arabia), Mudasir Ahmad Wani (Prince Sultan University, Saudi Arabia) and Mohammed A. El-Affendi (Prince Sultan University, Saudi Arabia)



Description:

Social media platforms are one of the main generators of textual data where people around the world share their daily life experiences and information with online society. The social, personal, and professional lives of people on these social networking sites generate not only a huge amount of data but also open doors for researchers and academicians with numerous research opportunities. This ample amount of data needs advanced machine learning, deep learning, and intelligent tools and techniques to receive, process, and interpret the information to resolve real-life challenges and improve the online social lives of people.

Advanced Applications of NLP and Deep Learning in Social Media Data bridges the gap between natural language processing (NLP), advanced machine learning, deep learning, and online social media. It hopes to build a better and safer social media space by making human language available on different social media platforms intelligible for machines with the blessings of AI. Covering topics such as machine learning-based prediction, emotion recognition, and high-dimensional text clustering, this premier reference source is an essential resource for OSN service providers, psychiatrists, psychologists, clinicians, sociologists, students and educators of higher education, librarians, researchers, and academicians.

ISBN: 9781668469095 **Pages:** 305 **Copyright:** 2023 **Release Date:** February, 2023

Hardcover: $270.00 **Softcover:** $205.00 **E-Book:** $270.00 **Hardcover + E-Book:** $325.00

Topics Covered:

- Deep Learning Approaches
- Emotion Recognition
- High-Dimensional Text Clustering
- LSTM Network
- Machine Learning-Based Prediction
- Memory Architecture
- Multi-Level Classification
- Natural Language Processing
- Social Media
- Social Spam Campaigns
- User Involvement

Subject: Computer Science and Information Technology

Classification: Edited Reference

Readership Level: Advanced-Academic Level (Research Recommended)

Research Suitable for: Advanced Undergraduate Students; Graduate Students; Researchers; Academicians; Professionals; Practitioners

Order Information
Phone: 717-533-8845 x100
Toll Free: 1-866-342-6657
Fax: 717-533-8661 or 717-533-7115
Online Bookstore: www.igi-global.com
Mailing Address: 701 East Chocolate Avenue, Hershey, PA 17033, USA

IGI Global
PUBLISHER of TIMELY KNOWLEDGE