

## Special Issue

# Data-Driven Mental Healthcare

### Message from the Guest Editor

Mental health disorders pose a significant global burden, affecting millions of individuals worldwide. However, traditional approaches to mental healthcare often face limitations in terms of accurate diagnosis, individualized treatment plans and goals, predicting prognosis and treatment outcomes, to name a few. The integration of data-driven techniques, including artificial intelligence, machine learning, and big data analytics, offers promising solutions to address these and similar challenges.

One of the key advantages of data-driven mental healthcare lies in its ability to leverage diverse sources of data. Electronic health records, wearable devices, social media platforms, and online communities generate a wealth of data that can provide valuable information about individuals' mental states, behavior patterns, and social interactions. These multidimensional data sources, when analyzed with computational techniques, enable researchers to develop comprehensive models for understanding mental health, identifying risk factors, and predicting mental health outcomes at an individual and population level.

---

### Guest Editor

Dr. Ariel Rosenfeld

Department of Information Sciences, Bar-Ilan University, Ramat-Gan  
52900, Israel

---

### Deadline for manuscript submissions

closed (20 December 2023)

01010  
01010  
01010

## Information

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.4  
CiteScore 6.9



[mdpi.com/si/173627](https://mdpi.com/si/173627)

### Information

MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[information@mdpi.com](mailto:information@mdpi.com)

[mdpi.com/journal/  
information](https://mdpi.com/journal/information)



01010  
01010  
01010

# Information

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.4  
CiteScore 6.9



[mdpi.com/journal/  
information](https://mdpi.com/journal/information)



## About the Journal

### Message from the Editor-in-Chief

The concept of *Information* is to disseminate scientific results achieved via experiments and theoretical results in depth. It is very important to enable researchers and practitioners to learn new technology and findings that enable development in the applied field.

*Information* is an online open access journal of information science and technology, data, knowledge and communication. It publishes reviews, regular research papers and short communications. We invite high quality work, and our review and publication processing is very efficient.

---

### Editor-in-Chief

Prof. Dr. Willy Susilo

School of Computer Science and Software Engineering, University of Wollongong, Northfields Avenue, Wollongong, NSW 2522, Australia

---

### Author Benefits

#### Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

#### High Visibility:

indexed within Scopus, ESCI (Web of Science), Ei Compendex, dblp, and other databases.

#### Journal Rank:

CiteScore - Q2 (Information Systems)