Special Issue

Data Science and Big Data in Biology, Physical Science and Engineering—2nd Edition

Message from the Guest Editor

Big data and data science have emerged due to the significant need for generating, storing, organising, and processing immense amounts of data. Data scientists strive to use artificial intelligence (AI) and machine learning (ML) approaches and models to enable computers to detect and identify what the data represents and detect patterns more quickly, efficiently, and reliably than humans. The goal behind this Special Issue is to explore and discuss various principles, tools, and models in the context of data science, aside from the diverse and varied concepts and techniques relating to big data in biology, chemistry, biomedical engineering, physics, mathematics, and other areas that work with big data. Related SI "Data Science and Big Data in Biology, Physical Science and Engineering"

https://www.mdpi.com/journal/technologies/special_issues/
Data_Science_Biology

Guest Editor

Dr. Mohammed Mahmoud

Department of Mathematics and Computer Science, School of Applied Sciences, Dickinson State University, 291 Campus Drive, Dickinson, ND 58601, USA

Deadline for manuscript submissions

30 September 2025

Technologies

an Open Access Journal
by MDPI

Impact Factor 3.6
CiteScore 8.5

mdpi.com/journal/
technologies

MDPI

About the Journal

Message from the Editor-in-Chief

Technologies, provides a single focus for reporting on developments of all technologies, regardless of their application. It is our intention that *Technologies* becomes the journal of choice for both researchers wanting to publish their work and technologists wishing to exploit the high quality research across a wide range of potential applications. Through its open access policy, its quick publication cycle, *Technologies* will facilitate the rapid uptake and development of the research presented, ultimately providing benefit to the wider society.

Editor-in-Chief

Prof. Dr. Manoj Gupta
Department of Mechanical Engineering, National University of Singapore, Singapore 117576, Singapore

Author Benefits

High Visibility:

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

Journal Rank:

JCR - Q1 (Engineering, Multidisciplinary) / CiteScore - Q1 (Computer Science (miscellaneous))

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 21.8 days after submission; acceptance to publication is undertaken in 3.9 days (median values for papers published in this journal in the first half of 2025).