

## Special Issue

# Critical Challenges in Large Language Models and Data Analytics: Trustworthiness, Scalability, and Societal Impact

### Message from the Guest Editors

This Special Issue addresses the most pressing contemporary issues at the intersection of artificial intelligence, data science and analytics, and societal impact, focusing on three interconnected domains of critical importance: trustworthiness and reliability, data quality and governance, scalability and environmental impact.

We aim to present recent advancements while providing practical frameworks for researchers, practitioners, and policymakers navigating these complex relationships. We particularly encourage interdisciplinary submissions that bridge AI, data science and analytics, ethics, policy, and domain-specific applications. The scope of this Special Issue includes, but is not limited to, the following topics:

- Healthcare and Biomedical Analytics
- Financial Technology and Risk Analytics
- Educational Technology and Learning Analytics
- Natural Language Processing and Computational Linguistics
- Environmental and Climate Analytics
- Social Media and Digital Humanities
- Industrial and Manufacturing Analytics
- Legal Technology and Compliance

---

### Guest Editors

Dr. Oluwaseun Ajao  
Dr. Bayode Ogunleye  
Dr. Hemlata Sharma

---

### Deadline for manuscript submissions

31 July 2026



## Analytics

---

an Open Access Journal  
by MDPI

---

Indexed in Scopus



[mdpi.com/si/255621](https://mdpi.com/si/255621)

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

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





# Analytics

---

an Open Access Journal  
by MDPI

---

Indexed in Scopus



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



## About the Journal

### Message from the Editor-in-Chief

---

#### Editor-in-Chief

Prof. Dr. Carson K. Leung  
Department of Computer Science, University of Manitoba, Winnipeg,  
MB R3T 2N2, Canada

---

#### Author Benefits

##### Open Access:

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

##### High Visibility:

indexed within Scopus and other databases.

##### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 20.6 days after submission; acceptance to publication is undertaken in 5.5 days (median values for papers published in this journal in the second half of 2025).