

# Preface: International Workshop on Data Analytics

Ivan Ostroumov<sup>1,†</sup>, Maksym Zaliskyi<sup>2,\*†</sup> and Sergii Kavun<sup>3,†</sup>

<sup>1</sup>Kyiv School of Economics, Mykoly Shpaka st, 3, Kyiv, 03113, Ukraine

<sup>2</sup>State University "Kyiv Aviation Institute", Lubomira Huzara ave., 1, Kyiv, 03058, Ukraine

<sup>3</sup>Interregional Academy of Personnel Management, Frometivska str., 2, 03039, Kyiv, Ukraine

## Abstract

This document is the preface of the International Workshop on Data Analytics (WDA), January 26, 2026, held at Department of Computer Information Systems and Technologies, Interregional Academy of Personnel Management, Kyiv, Ukraine.

## Keywords

Data analytics, data processing, computer science, big data, software

## 1. Preface

The international workshop on Data Analytics (WDA'26) took place on January 26, 2026 in the Department of Computer Information Systems and Technologies at Interregional Academy of Personnel Management (Kyiv, Ukraine). Data is the primary source of information used in various scientific studies. Modern information technologies are grounded on lots of data to get reliable results. Modern systems and applications are grounded on collecting data from various sensors to provide fusion and collaborative decision-making. Decision support in medicine, transportation, agriculture, economics, finance, and sociology grounded on deep data analytics. Workshop is aimed to collaborate scientists in data analytics to represent their scholarly results and share their knowledge with workshop participants.

Special attention is given to practical aspects of specialized software development oriented on data analytics. Workshop covers software conceptualization, database structure for Big Data support, code optimization to improve the efficiency of software-database exchange, efficient visualization of data sets, and front-end user interface in data analysis software.

The main conference topics include:

- Data collection;
- Algorithms of data processing and analysis;
- Exploratory data analysis;
- Data modeling;
- Data mining;
- Big data processing;
- Data fusion;
- Artificial intelligence;
- Software for data analytics;
- Data visualization.

The WDA'26 was in a hybrid format with a Zoom platform. WDA'26 collaborate scientist from Ukraine, Kazakhstan, Germany, USA, and Slovak Republic. The workshop took the form of oral presentations of peer-reviewed regular papers.

*WDA'26: International Workshop on Data Analytics, January 26, 2026, Kyiv, Ukraine*

\*Corresponding author.

† These authors contributed equally.

✉ ostroumov@ukr.net (I. Ostroumov); maximus2812@ukr.net (M. Zaliskyi); kavserg@gmail.com (S. Kavun)

🌐 <https://www.ostroumov.sciary.com> (I. Ostroumov); <https://github.com/s-kav> (S. Kavun)

🆔 0000-0003-2510-9312 (I. Ostroumov); 0000-0002-1535-4384 (M. Zaliskyi); 0000-0003-4164-151X (S. Kavun)



© 2026 Copyright for this paper by its authors. Use permitted under Creative Commons License Attribution 4.0 International (CC BY 4.0).

WDA'26 received 19 submissions in total. All papers were reviewed by two reviewers. Out of these, 12 papers were accepted for this volume, all as regular papers.

All our team invites you to visit the WDA'26 workshop website <https://research.maup.com.ua/en/conferences/wda-2026.html> where you can find all the relevant information about this event.

## **2. Acknowledgments**

The organizers and participants of the International Workshop on Data Analytics (WDA'26) gratefully acknowledge the support of the University "Interregional Academy of Personnel Management", Ukraine (<https://www.maup.com.ua>), Microsoft CMT service, which was used for managing the peer-reviewing process (<https://cmt3.research.microsoft.com>), and the CEUR Workshop Proceedings team (<https://ceur-ws.org>).

## **3. Program committee**

- Oleksandr Solomentsev, State University "Kyiv Aviation Institute" (Ukraine)
- Viktoriia Ivannikova, Dublin City University Business School (Ireland)
- Semen Zhyla, Institute of Cybersecurity Technologies and Information Protection (Ukraine)
- Vladimir Pavlikov, Institute of Cybersecurity Technologies and Information Protection (Ukraine)
- Khadija Slimani, LDR Laboratory, Higher School of Computer Science, Electronics and Automation (ESIEA) (France).
- Roman Volianskyi, National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute" (Ukraine)
- Caner Ozcan, Karabuk University, Engineering Faculty (Turkey)

## **Declaration on Generative AI**

The authors have not employed any Generative AI tools.