Preface: International Workshop on Data Analytics

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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 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.

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3. Program committee

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Declaration on Generative AI

The authors have not employed any Generative AI tools.