

Editorial

We release the third issue of this volume of the **Journal of Intelligent Computing** with the below research papers.

In the first paper, “**Evolving Analytical Data Platforms from Data Warehouses to Address the Lake House Attributes,**” the authors merged the capabilities of data warehouses and data lakes into what is known as lake houses to offer a unified platform for various analytics needs. The authors summarised the development of analytical data platforms from data warehouses to data lakes to lake houses. Further, they studied what functionalities data lakes lack.

In the next paper, “**An AutoML-driven framework with a modular code base for deep session-based recommendation systems and a built-in component for automated Hyperparameter Tuning,**” the authors viewed that the current Recommendation systems lack algorithm optimization. They introduced an *AutoML*-driven framework with a modular code base for deep session-based recommendation systems and a built-in component for automated *HyperParameter Tuning*. *This framework* enabled the model to be regularly updated as the nature and volume of the data change in real-world settings.

In the last paper, “**Data Pipeline Framework Models with Self-awareness and Self-adaptation,**” the authors studied the necessity of evolving within pipeline frameworks. They outlined a conceptual requirements model, which includes criteria for self-awareness and self-adaptation and addresses the aspects of data, operators, pipelines, and the environment. This study proposed and established the groundwork for a framework capable of managing evolutionary changes.

We hope that these papers are interesting to read.

Editors