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Editorial

Dear Reader,

The main thrust of the papers in this edition of AETiC centres on the two themes of AI (including its application in data mining and analysis) and Open-Source Software.

Data mining and analysis are now crucial techniques for extracting insights and patterns from large volumes of data. In the financial sector, AI is increasingly used for creditworthiness checks. Machine learning algorithms can analyse data such as credit history, income, and debt to assess an individual's creditworthiness more accurately and efficiently than traditional methods. Additionally, facial emotion detection, which involves using AI to analyse facial expressions to identify emotions, has many potential applications, from improving customer service to enhancing security. These technologies, articulated within the papers published here, are just a few examples of how AI and data analysis transform industries and create new opportunities for businesses to innovate and improve their operations.

Open source software refers to software that is freely accessible and can be modified, shared, and distributed by anyone. It is typically created and maintained by a community of developers who collaborate on the source code and contribute to the software's development and improvement. The benefits of open-source software include lower costs, greater flexibility, and a more transparent development process. Open-source software is widely used in many industries, from web development and content management systems to database and cloud computing. Open-source software has played a crucial role in driving innovation (including much of what has happened in AI) and making technology more accessible and inclusive.

With best wishes,

Professor Andrew Ware,
On behalf of the Editorial Board,
Annals of Emerging Technologies in Computing (AETiC).