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Special Issue on

Recent Trends in Data Science and Applications

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FOREWORD

Data Science is related to the unfathomable study of a huge amount of data. It involves extraction of some meaningful data from the raw, structured and unstructured data. The extraction of meaningful data from huge amount of data uses processing of data and this processing is performed by using different tools and techniques like statistical techniques and algorithms, scientific techniques, etc.

The nature of Data Science is interdisciplinary. Today, it has been used in almost each and every sector like: Agriculture, Healthcare, E-Business, E-Commerce, Digital Transformation, Economics, Financial Industries, Image Recognition, Medicine and Drug Development, Delivery Logistics, Gaming, Autocomplete, etc.

The objective of this special issue (SI) is to highlight original research related to trending applications of Data Science. This issue consists of the papers related to chest disease detection, object detection from video sequences, Lasso estimation in parametric frailty model, relation between inflation and economic growth, digital transformation, fashion business, energy clustering routing protocol, impact of climate change on agriculture, estimation of finite population mean in Sample Surveys, dealing with disruptions in automobile sector, risks and problems in digital wallets, etc. using different techniques of Data Science.

We received more than 175 research papers out of which 14 papers have finally been selected for publication in this issue. The guest editors of this special issue would like to express their gratitude to authors for sharing their valuable research and publication partner for their approval regarding the special issue of the esteemed journal. Guest editors especially

thank Prof. B. K. Dass, Chief Editor who supported us in bringing out the special issue entitled “**Recent Trends in Data Science and Applications**” in the *Journal of Information and Optimization Sciences*, published by Taru Publications, New Delhi.

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