

RIThink

multidisciplinary online journal

VOLUME 11 (2022)

SPECIAL ISSUE – BIG DATA

Guest Editor: Dr. sc. Martin Žagar, RIT Croatia, martin.zagar@croatia.rit.edu

A word from the Guest Editor:

Data today present not just the source of information and power, but also the source of financial incentives. Data is collected in many ways, analyzed and processed in additional ways, and visualized to support additional ways of decision making. It could be seen that there are a plethora of different issues that are addressed by different technologies helping with tackling the above-mentioned issues. In this special issue of RIThink, we tried to address some of the technologies in the Big Data world and to show state-of-the-art approaches in different real applications. We hope we can help the reader in sense of identifying Big Data and its business implications and applications as well as analyzing and developing Big Data solutions.

Table of contents

Privacy and verifiability in a public remote-capable blockchain E-voting Roberto ANIĆ BANIĆ	1
Byzantine fault tolerant raft algorithm with round robin leader election Mateo Lučić	6
Blockchain-based e-voting system Maris PAVIČEVIĆ	13
Microservice architecture for scalable IoT platforms Daniela KUNEJ	20

Nonintrusive heart rate monitoring: a comparative case study of led optical sensor's accuracy	
Goran BEGOVIĆ	45
Streaming data classification using Naïve Bayes algorithm vs logistic regression	
Belma JAKUPOVIĆ	52
Big data-driven public relations: from building belief to agency deprivation	
Majda TAFRA	65
Non peer reviewed article:	
A book review: Journalism in an Era of Big Data: Cases, concepts, and critiques (Journalism Studies), edited by Seth C. Lewis (2017), Routledge, Taylor & Francis (Kindle edition).	
Majda TAFRA	76