

OPINION

On a dissertation work for awarding the educational and scientific degree "Doctor", doctoral program "Organization and management of production (Industry)", professional direction 5.13 "General engineering"

Author of the dissertation: Kadir Ider

Dissertation Topic: „**Complexity reduction and operationalization of the GDPR: Conceptualization of a user-oriented online privacy control system and evaluation of its effects on corporate trust**“

Member of the scientific jury: Assoc. Dr. Sibel Ilhhanova Ahmedova, Faculty of Mechanical Engineering, Department of Industrial Management, Technical University-Varna

1. Relevance of the problem developed in the dissertation

The dissertation contains 125 pages, including 32 figures, 32 tables and appendices, organized into 4 chapters, general conclusions and a list of the used literature, which includes 67 titles.

In today's world, there are many challenges to the right to protect personal data. Governments and business organizations are faced with the need to find methods and approaches to comply with GDPR requirements. In this regard, there is a need to study the awareness and attitude of users towards privacy, as well as their trust in organizations. Proposing a methodology aimed at determining user awareness, trust in organizations and assessment of data privacy elements can lead to improved individual control over personal data and foster trust between individuals and organizations. In this regard, the dissertation work is not only relevant but also a useful management solution for science and practice.

2. Analysis and evaluation of the candidate's scientific results and contributions

The contribution of the thesis is to present a new practical approach to the current challenges of complying with the General Data Protection Regulation (GDPR). The main scientific contributions are:

1. A new unifying framework for GDPR compliance has been introduced to help simplify the implementation process for organizations and improve user control over personal data through a privacy control system.
2. A methodology was developed to survey user awareness of privacy, trust in organizations, assessment of privacy controls, and survey quality feedback using internal and external data validation methods.
3. Based on the proposed methodology, resources were collected through a large-scale web-based survey of citizens and organizations on GDPR implementation practices - to assess users' awareness of privacy, their trust in organizations, assessment of privacy controls and feedback survey quality link.
4. A system has been proposed that enables citizens to control their personal data, counteracting the tendency to transfer control to data processing organizations.
5. A conclusion is drawn about the influence of personal data control, processes and systems on reliability.

Applied contributions are expressed in the created online surveys for the needs of the research study and a web scraper to extract data from websites, enabling the collection of relevant information to identify trends in GDPR compliance.

3. Critical notes on the dissertation

The presented work has indisputable merits and I have no critical remarks. I have the following recommendation for the doctoral student: to activate his publication activity in international publications with an impact factor and to work in a team.

4. Reasons and a clearly formulated conclusion

The doctoral student develops the dissertation and the questions posed in it in depth, after a detailed and critical analysis presents his own understanding of the tasks that are correctly defined. The submitted dissertation entitled „**Complexity reduction and operationalization of the GDPR: Conceptualization of a user-oriented online privacy control system and evaluation of its effects on corporate trust**“ should be appreciated as a timely and in-depth study of a current issue, theory , of undoubted practical importance. The dissertation contains many contributing points, and the theses and conclusions advocated in it are, for the most part, well-argued. The dissertation contains scientific-applied and applied results that represent an original contribution to science and demonstrates that the doctoral student possesses both knowledge and abilities for independent scientific research.

In view of the above, I consider that the presented dissertation fully meets the normative requirements for obtaining the educational and scientific degree "Doctor" in professional 5.13 "General Engineering" on "Organization and Management of Production (Industry)", therefore I strongly suggest to the members of the scientific jury to vote for it to be awarded to Kadir Ider, PhD student at Technical University - Varna.

Data:

14.11.2023

Member of the scientific jury:.....
/assoc. prof. Sibel Ilhanova Ahmedova/