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RESEARCH INTERESTS BUT NOT LIMITED TO

Data Analytics, Service Systems, and Business Intelligence

SELECTED PUBLICATIONS IN THE LAST FIVE YEARS

1. Pratondo, A, **Bramantoro, A**, Classification of Zophobas Morio and Tenebrio Molitor Using Transfer Learning, PeerJ CS, 2022.
2. AlQabasani, A, Hassine, AB, **Bramantoro, A**, AlMunchi, A, Local Consistency Reinforcement for Enhancing Web Service Composition, JWE, 2022.
3. Makhdoomi, NA, Gunawan, TS, Idris, NH, Khalifa, OO, Karupiah, RK, **Bramantoro, A**, Rahman, FDA, Zakaria, Z, Development of Scoliotic Spine Severity Detection using Deep Learning Algorithms, In CCWC, 2022.
4. Makruf, M, **Bramantoro, A**, Alyamani, HJ, Alesawi, S, Alturki, R, Classification methods comparison for customer churn prediction in the telecommunication industry, IJAAS, 2021.
5. **Bramantoro, A**, Stateful Library Service System Design and Implementation in Saudi Arabia, IJECE, 2020.
6. **Bramantoro, A**, Alzahrani, AA, Bahaddad, AA, Alfakeeh, AS, Cloud-Based Learning Service Platform for Multilingual Smart Class, IJAAS, 2020.
7. Hana, KM, Al Faraby, S, **Bramantoro, A**, Multi-label Classification of Indonesian Hate Speech on Twitter Using Support Vector Machines. In ICoDSA, 2020.
8. **Bramantoro, A**, Syamsuddin, I, Melayu Grid: Sharing Language Service to Bridge Cultural Difference. In ICCIS, 2020.
9. **Bramantoro, A**, Alzahrani, AA, Data Citation Service for Wikipedia Articles, IJACSA, 2019.
10. Prabuwo, AS, Usino, W, **Bramantoro, A**, Allehaibi, KHS, Hasniaty, A, Defisa, T., "Content Based Image Retrieval and Support Vector Machine Methods for Face Recognition," TEM Journal, 8(2), pp. 389-395, 2019.
11. **Bramantoro, A**, ERP Service for Small and Medium Enterprises in Saudi Arabia, IJEECS, 2018.
12. Al-Majhad, HG, **Bramantoro, A**, Syamsuddin, I, Yunianta, A, Basori, AH, Prabuwo, AS, Barukab, OM, A Traffic Congestion Framework for Smart Riyadh City based on IoT Services, IJACSA, 2018.
13. **Bramantoro, A**, Data Cleaning Service for Data Warehouse: An Experimental Comparative Study on Local Data, Telkomnika, 2018.

CURRENT PROJECTS

Development of Smart Aquaculture integrated water quality monitoring and treatment system with prediction modelling on share data for Department of Fisheries:

This project is a collaborative project in Centre of Innovative Engineering that has multi objectives for sub projects. One of the sub projects is predictive modelling to project production level at Aquaculture sector: Operational area and capacity

A Novel Data Science Framework for Infectious Disease Modelling in Brunei Darussalam: Lesson Learned from Second Wave of Coronavirus Disease 2019:

This project is approved by UTB as a seed funding. The goal is to build a novel data science framework that accommodates comprehensive epidemiological models by integrating as many data science techniques and aspects of biological relevance and intervention (prevention and control) programs as possible.

Brunei's Peatland Fire Suppression:

This project is funded by Asia-Pacific Telecommunity and collaborated with Malaysia, Indonesia, and Japan. The goals are (i). Multi criteria optimization (pareto), ii. Deep learning on GWL prediction, iii. Process mining of FDRS dataset to discover and conform the variety of fire and smoke levels.