

# DR. ROSAIDA ROSLY

## SENIOR LECTURER

Dr. Rosaida Rosly's research focuses on deep learning and hybrid classification within data mining and AI applications. Main focus is to develop novel algorithms for knowledge discovery and improve the accuracy and robustness in prediction models. This research can be applied in applications of AI in healthcare, marine and environmental sustainability.

### CONTACT

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### SELECTED RESEARCH PROJECTS

- Talent And Publication Enhancement-Research Grant (TAPE-RG). An enhancement of classification performance for marine fish landing dataset using multi-classifier method based on deep learning approach. (2021-2024). RM20,000

### SELECTED PUBLICATIONS

- Rosly, R., Man, M., Ngah, A., & Manan, N. S.,(2024). Multi-Classifer Models to Improve the Accuracy of Fish Landing Application, International Journal of Advanced Technology and Engineering Exploration, 11(111), 2394-5443. Index by Scopus Q4.
- Ong, Y. H., Virgiyanti, W., and Rosly, R. (2024). Diabetes Prediction Using Machine Learning Ensemble Model, Journal of Advanced Research in Applied Sciences and Engineering Technology, 37(1), 82-98, Co-author, Index by Scopus (Q2) and MyCite.
- Khalid, F. I., Makhtar, M., Rosly, R., & Sambas A. (2023). Performance evaluation of classifiers for the COVID-19 symptom-based dataset using different feature selection methods. International Journal of Advanced Technology and Engineering Exploration, 10(103), 2394-5443 (SCOPUS)
- Makhtar, M., Rosly, R., & Awang, M. K. (2020). A multi-classifier method based deep learning approach for breast cancer. International Journal of Engineering Trends and Technology (IJETT), 2231-5381 (SCOPUS)
- Rosly, R., Makhtar, M., & Awang, M. K. (2020). Deep multi-classifier learning for medical data sets. International Journal of Engineering Trends and Technology (IJETT), 2231-5381 (SCOPUS)



### RESEARCHER PROFILE

Scopus<sup>®</sup> 57188554487

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### EDUCATION

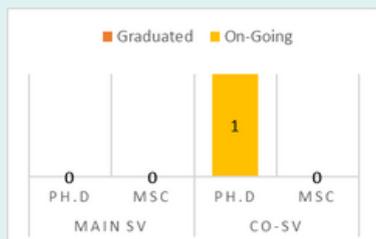


- Ph.D in Computer Science (Data Mining), UniSZA
- Master in Computer Science (Data Mining), UniSZA
- BSc.(Software Development), UniSZA
- Dip.Information Technology, UniSZA

### AREAS OF EXPERTISE

- Data Mining
- Artificial Intelligence
- Machine Learning

### SUPERVISION



### COLLABORATORS

