



Dr. Santi Puteri Rahayu

Senior Lecturer



B.Sc. (Statistics-ITS, 1997); M.Sc. (Statistics-IPB, 2002); Dr. (Applied Statistics-UKM, Malaysia, 2012)



RESEARCH INTEREST

Multivariate Analysis
(*Unbalanced Classification, Regression, Clustering*),
Ensemble Method (*Boosting Algorithm, re-Weighted Sampling*), **Survival Analysis**.

PUBLICATION

- Credit Risk Classification using Kernel Logistic Regression with optimal parameter, (ISSPA, 2010).
- Kernel logistic regression-Linear for leukemia classification using high dimensional data. (*Jurnal Ilmiah Teknologi Informasi*, 2010).
- Logistic regression methods with truncated newton method, (ICASCE, 2012).
- Hierarchical Forecasting Method Based on ARIMAX and Recurrent Neural Network for Motorcycle Sales Prediction. (*International Journal of Mathematics and Statistics*, 2015).

Dr. Santi Puteri Rahayu obtained her doctoral degree in Computer Science from Universiti Malaysia Pahang (UMP), in October 2012, under supervision of Prof. Dr. Jasni Mohamad Zain and Prof. Dr. Abdullah Embong. The Title of her dissertation is Logistic Regression Methods for Classification of Imbalanced Data.

In her dissertation research, Dr. Rahayu combined Logistic Regression (LR) – based methods (Logistic Regression and Kernel Logistic Regression using Truncated Newton) respectively with adapted modified Adaptive Boosting (AdaBoost) algorithm for effective classification of imbalanced data.

GOOGLE SCHOLAR CITATION & SCOPUS

- <https://scholar.google.co.id/citations?user=ZFrCUOQAAAAJ&hl=en>
- <https://www.scopus.com/authid/detail.uri?authorId=25825485400>