



### Personal Info

Name : Dwi Ayu Lusia, S.Si., M.Si.  
Functional position : Lecturer  
Structural position : -  
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Course taught : 1. Database  
2. Data Mining  
3. Data Structure  
4. Fuzzy Logic Model

### Education Background

Program	S1	S2
University	Institut Teknologi Sepuluh Nopember	Institut Teknologi Sepuluh Nopember
Department	Computational Statistics	Computational Statistics
Year of graduation	2011	2013
Title of final project/thesis/dissertation	Forecasting Inflation with the Weighted Fuzzy Time Series Method	Ensemble Forecasting of Rainfall in Indonesia Based on Two Levels of ARIMAX-NN
Supervisor/Promotor	Dr. Suhartono, S.Si., M.Sc.	Dr. Suhartono, S.Si., M.Sc.

### Research Project

1. Multivariate Forecasting Using Artificial Neural Networks and VARIMA on the Composite Stock Price Index (2018)

### Journal Publication

1. Factorial Design for Proving Masters Theory in Determining the Number of Layers and Hidden Neurons in Multivariate Forecasting with Artificial Neural Networks. Jurnal Teknologi Informasi dan Ilmu Komputer Vol. 7 No. 1 (2020).



2. Effects of Elina's Application of Business English Course for Working Student Classes at Narotama University. *MOTORIC Journal (Media of Teaching Oriented and Children)* Vol. 3 No. 1 (2019)
3. Analysis of First Year Management Student Sentiments against XYZ Private University Accreditation Standards. *MAGISTRA Jurnal Ilmu Manajemen* Vol. 2, No. 2 (2018).
4. Comparison of ARIMA Univariate and Multivariate Forecasting on the Composite Stock Price Index. *Jurnal Statistika Universitas Muhammadiyah Semarang* Vol. 6, No.2 (2018).
5. Comparison of Risk and Investment Return of Indonesian, gold, and eurUSD shares with inflation. *E-Jurnal Spirit Pro Patria* Vol. 2, No. 2 (2016).
6. Ensemble Method Based on Two Level ARIMAX-FFNN For Rainfall Forecasting in Indonesia. *International Journal of Science and Research* Vol. 2, Issue 2 (2013).

#### Scientific Paper Presentation in Conference / Scientific Seminar

1. International Symposium on Advanced Intelligent Informatics (SAIN). Using Neural Networks on Cloud Container's Performance Comparison By R on Docker (ROCKER). Yogyakarta, August 29-30, 2018.
2. International Symposium on Advanced Intelligent Informatics (SAIN). Multivariate Forecasting Using Hybrid VARIMA Neural Network in JCI Case. Yogyakarta, August 29-30, 2018.
3. International Conference on Statistics in Science Business and Engineering (ICSSBE). Ensemble method based on ARIMA-FFNN for climate forecasting. Langkawi, Malaysia, September 10-12, 2012.