



# Prof. I Nyoman Budiantara



## Professor

Drs. (Mathematics-UGM, 1988); M.Si (Mathematics-UGM, 1996); Dr. (Mathematics-UGM, 2000)



### CURRENT POSITION

Head of Social Statistics & Population Studies Lab.

### RESEARCH INTEREST

Nonparametric and Semiparametric Regression, Multivariate Adaptive Regression Spline (MARS).

### PUBLICATION

- The Combination of Spline and Kernel Estimator for Nonparametric Regression and Its Properties.
- Infants' Weight Growth Model in Surabaya (Indonesia) by Using weighted Spline Regression.
- Relationship Pattern of Poverty and Unemployment in Indonesia with Bayesian Spline Approach.
- Spline Smoothing for Multi-Responses Nonparametric Regression Model in Case of Heteroscedasticity of Variance.
- Modeling the Percentage of Poor People in Indonesia Using Spline Nonparametric Regression Approach.

Prof. Budiantara is a Professor of Department of Statistics ITS who focus doing research in nonparametric and semiparametric regression. He has various research works that related to nonparametric and semiparametric regression including Spline, Kernel, Fourier Series, Local Polynomial, and MARS. The results of his research are published in many national and international Journals.

Prof. Budiantara has become a Promotor and Co-Promotor of the doctoral students at Statistics ITS, Airlangga University and UGM. He has also permit some students of Doctoral Program (S3), some students of Master Program (S2) who took education at various universities in Indonesia, including ITS, Airlangga University and UGM.

### GOOGLE SCHOLAR CITATION & SCOPUS

- <https://scholar.google.co.id/citations?user=daYC82EAAAAJ&hl=en>
- <https://www.scopus.com/authid/detail.uri?authorId=36488922500>