



LILIK AVITADIA PRICHANTI

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Temanggung, Jawa Tengah, Indonesia

I am a fresh graduate Statistics student at Universitas Sebelas Maret. I am highly interested in becoming a data scientist and data analyst. Throughout my academic journey, I have actively participated in various competitions and organizations. Additionally, I have been entrusted with responsibilities such as assisting in administration, contributing to accreditation processes, and serving as a lecturer assistant. Furthermore, I am dedicated to continuous self-improvement and actively seek knowledge from various platforms to enhance my skills. I am passionate about staying abreast of the latest developments in the field and applying them to real-world scenarios.

Work Experiences

PT DUA EMPAT TUJUH (SOLUSI247) - Yogyakarta, DIY, Indonesia

Jan 2023 - Feb 2023

Data Scientist

SOLUSI247 is an ICT company established in 2000 focusing on large scale data processing applying RDBMS and massive parallel flat file processing. As the challenge of the incredible data growth considerably increases, SOLUSI247 adopt the cutting edge technology of Big Data platform, called "Hadoop".

- Learned and practiced creating BPMN models.
- Learned and practiced designing questionnaires.
- Learned and practiced analyzing Likert scales using Python.

Pojok Statistik (BPS Provinsi Jawa Tengah) - Jawa Tengah, Indonesia

Dec 2021 - Feb 2023

Agen Statistik

Pojok Statistik is a program designed by Badan Pusat Statistik to provide free data consulting facilities within the campus area. The first Pojok Statistik in Central Java was inaugurated at Sebelas Maret University on December 20th, 2021. In implementing Pojok Statistik's program, 10 agen statistik from undergraduate Statistics Sebelas Maret University were assisted. This agen statistik is tasked with serving customers who come to Pojok Statistik.

- Provided data consultation services.
- Retrieved data from the Badan Pusat Statistik database.
- Participating in training sessions conducted by the Badan Pusat Statistik.
- Creating statistical infographics and videos.

Department of Statistics, Sebelas Maret University - Surakarta, Jawa Tengah, Indonesia

Sep 2022 - May 2024

Assistant Lecture

For one semester I became a assistant lecture. Assisted lecturers in grading assignments, brainstorming lecture problems, and collaborating on projects.

- Assistant lecturer in Basic Statistical Theory courses for pharmacy.
- Assistant lecturer in Basic Statistical Practice courses for pharmacy.
- Assistant lecturer in Data Exploration and Visualization class for statistics.
- Assistant lecturer in Database for statistics.
- Assistant lecturer in Statistical Methods for statistics.

Education Level

Universitas Sebelas Maret - Surakarta, Jawa Tengah, Indonesia

Sep 2020 - Mar 2024

Bachelor Degree in Statistics, 3.81/4.00

SMA Negeri 1 Temanggung - Temanggung, Jawa Tengah, Indonesia

Jul 2017 - May 2020

High School Diploma in Science

Organisational Experience

Badan Eksekutif Mahasiswa Universitas Sebelas Maret (BEM UNS) - Surakarta, Jawa Tengah, Indonesia

Mar 2022 - Dec 2022

Vice Minister of Research and Data

- Manage the administration and finance of the ministry.
- Maintaining harmony, enthusiasm for work, and the comfort of members.

Ikatan Himpunan Mahasiswa Statistika Indonesia (IHMSI) - Yogyakarta, DIY, Indonesia

Dec 2020 - Dec 2022

Treasurer for Central Java & DIY

- Manage the finance of IHMSI in Central Java & DIY.

Himpunan Mahasiswa Statistika Universitas Sebelas Maret (HIMASTA UNS) - Surakarta, Jawa Tengah,
Indonesia

Feb 2021 - Dec
2021

Treasurer Staff

- Responsible for disbursing funds.
- Responsible for transparency of funds.

Skills, Achievements & Other Experience

- **Research Assistant Lecturer** (2023): Contribute to the lecturer research team on the theme of health and the environment. Directly involved in the creation of 2 articles entitled Modeling of Human Development Index (HDI) in Indonesia using Generalize Scale (GS) Estimation Robust Regression, and Tarone-Ware and Peto-Peto Type Weighted Logrank Tests as an Alternative to The Logrank Test for Comparison of Survival Functions on Right-Censored Data
- **Achievements** (2023): I had the privilege of presenting an international paper "The Application of Stochastic Epidemic Model CTMC SIS-SI on the Spread of Rabies (Case Study in China)" on Epidemiology at the 9th International Conference on Basic Sciences (ICBS) 2023, organized by the Faculty of Mathematics and Natural Sciences, Pattimura University, on November 23, 2023.
- **Projects** (2022): Becoming one of the teams that passed the Hibah MBKM UNS funding. Carrying the theme of the village building project. The program my team is carrying out is "Increasing Statistical Literacy, Communities in Jaten Villages". This program runs from March to August 2022. There are a number of our work programs, such as teaching in several schools in Jaten village, providing socialization on the importance of understanding data to the community, excel training for village officials, and assisting in the implementation of a "Desa Cantik".
- **Projects** (2023): Comparison of Random Forest and Naïve Bayes Methods in Travel Insurance Classification
- **Projects** (2023): Comparison of the Spatial Autoregressive Model and the Spatial Error Model in Modeling Life Expectancy in Central Java Province in 2022
- **Projects** (2023): Comparison of Prophet and SARIMA Models for Yahoo Stock Forecasting: Performance Analysis and Evaluation
- **Projects** (2022): Clustering Analysis of COVID HGR Data Using Agglomerative Hierarchical and K-Means Methods with RStudio Software
- **Projects** (2022): Creating a Descriptive Statistics and T-Test Application with RShiny
- **Projects** (2022): Analysis of Factors Affecting the Human Development Index by Province in Indonesia in 2021 Using SPSS Software
- **Projects** (2022): Analysis of Factors Affecting the Choice of Main Food Types in Crocodiles Using Multinomial Logistic Regression
- **Projects** (2022): Time Series Analysis and Model Selection for Railway Passenger Numbers in Java Island from 2010 to 2019 Using the Seasonal Autoregressive Integrated Moving Average (SARIMA) Method
- **Projects** (2022): Analysis of Factors Affecting Life Expectancy Using Ordinal Logistic Regression: A Case Study of Regencies/Cities in Central Java Province in 2021
- **Projects** (2022): Analysis of the Impact of Life Expectancy (LE), Expected Years of Schooling (EYS), Average Years of Schooling (AYS), and Expenditure per Capita on the Human Development Index by Province in Indonesia in 2021 Using the Least Trimmed Squares (LTS) Robust Regression Method
- **Projects** (2022): Analysis of the Human Development Index by Province in Indonesia in 2021 Using GM-Estimation and GS-Estimation Robust Regression with RStudio Application