

SUMMARY

I am a Mathematics fresh graduate from IPB University with strong enthusiasm in Data Science. I have completed several projects in statistics and machine learning using Python, Julia, SQL, R, Power BI, and Excel. I learned machine learning fundamentals through courses at university and expanded my practical skills through books and YouTube courses, applying new techniques immediately in project work to solidify my understanding.

EDUCATION

Bachelor of Science in Mathematics, Institut Pertanian Bogor (IPB University)

Aug 2021 – Aug 2025

GPA: 3.66/4.00

SKILLS

Languages Python, R, SQL, Julia

Tools Power BI, Excel, Git, Github, MySQL

Technical Skills Data Wrangling, Statistical Modeling, Machine Learning, Data Visualization, Teaching

PROJECT

Life Expectancy Factors Regression Analysis

Jan 2023 – Mar 2023

[Github](#)

- Performed EDA and preprocessing in Excel and R on a dataset containing several socio-economic variables from 19 districts in West Java, Indonesia.
- Built and refined multiple linear regression models using backward selection, and diagnosed assumptions (multicollinearity, heteroskedasticity, normality of residuals, autocorrelation).
- The best model with Adj. $R^2 = 0.659$ showed poverty rate, immunization coverage, and education index as key predictors of life expectancy.

Personalized Menu Recommendation System for Solaria

Oct 2024 – Dec 2024

[Github](#) | [Publication](#)

- Developed a personalized menu recommendation system using machine learning techniques in Julia.
- Conducted a customer survey, preprocessed ratings, and constructed a user–item matrix for recommendation tasks.
- Applied SVD with hyperparameter tuning, identifying the most stable latent factor benchmark at 74.71%.

EXPERIENCES

AI Agent Trainer

Aug 2025 – Present

SoftAge Information Technology Limited | Freelance

- Taught AI agent systems by performing diverse digital tasks based on text prompts to guide model learning.
- Performed 15–30 tasks per hour.

Mathematics Tutor

May 2024 – Oct 2024

Gugus Mahasiswa Matematika IPB | Part-time

- Tutored fellow mathematics students on math subjects: Real Analysis and Cryptographic Mathematics.

Staff of Broadcasting, Event, and Service Division

Dec 2022 – Dec 2023

Serambi Ruhiah Mahasiswa G IPB | Organization

- Analyzed and visualized survey data to identify key areas for improvement and demonstrate program impact.
- Organized and executed faculty-level seminar events.

COMPETITION

Honorable Mention in Mathematics at ONMIPA-PT 2024

Awarded an Honorable Mention (top 20) in Mathematics at ONMIPA-PT 2024 (National Mathematics and Natural Sciences Olympiad for Higher Education), competing against 1,000+ participants nationwide, issued by Kemdikbudristek, Puspresnas, and BPTI.

VOLUNTEER

Thematic Community Service Program (KKN-T) IPB University

Jun 2024 – Aug 2024

IPB University

- Organized joint learning programs for kindergarten to elementary school children focusing on Mathematics and English subjects using fun-learning methods.
- Conducted a socialization program on the dangers of bullying for junior high school students.

LANGUAGES

Indonesia (Native)

English (Advanced)

COURSES

Udemy Courses x KODE: Programming and Data Science Courses, organized by Hacktiv8 Indonesia