Refa Syahrania Ayu Safa

AI Engineer Cohort at Coding Camp powered by DBS Foundation
Greater Semarang Indonesia | LinkedIn

Summary

Third-year Statistics undergraduate at Universitas Diponegoro with a strong foundation in data analysis, statistical modeling, and data visualization, complemented by developing knowledge of Python, machine learning, deep learning, NLP, computer vision, forecasting, and AI engineering. Hands-on experience includes statistical consulting and survey data analysis, including clustering analysis of village-level cardiac disease risk data and support for national survey activities. Combines analytical thinking, data storytelling, and visual communication to develop insightful and engaging data-driven solutions.

Work Experience

Forage **Oct 2026 - Oct 2026**

Tata Group Data Analytics Job Simulation on Forage

- Completed a job simulation applying AI-powered data analytics and strategy development to financial services challenges for the Tata iQ team
- Conducted exploratory data analysis (EDA) with GenAI tools to assess data quality, identify risk indicators, and structure insights for predictive model development
- Proposed and justified an initial no-code predictive modeling framework for assessing customer delinquency risk, using GenAI to structure model logic and evaluation criteria
- Designed an AI-driven collections strategy using agentic AI and automation, incorporating ethical AI principles, regulatory compliance, and scalable implementation considerations

Coding Camp powered by DBS Foundation **Feb 2026 - Jul 2026**

AI Engineer Cohort *Indonesia*

- Completed an intensive learning program covering programming fundamentals, Python, machine learning, and advanced deep learning techniques
- Developed programming skills in Python through data structures, object-oriented programming, functions, and unit testing
- Studied machine learning algorithms and workflows, including classification, regression, clustering, feature engineering, and hyperparameter tuning
- Explored deep learning architectures and implementations using TensorFlow and Keras
- Studied practical AI applications in natural language processing (NLP), computer vision, time series forecasting, and recommendation systems
- Explored advanced deep learning techniques, including custom model development, distributed training, Transformer architectures, and model fine-tuning
- Learned Git and GitHub for version control, repository management, and collaborative software development
- Completed 8 learning courses with an average score of 92.4/100, totaling 390+ learning hours.

Pojok Statistik Undip **Jul 2025 - May 2026**

Media and Branding Staff *Semarang*

- Serving as Head of Group 2 at Media and Branding Division, overseeing the monthly data storytelling design program. Provided statistical consulting services to undergraduate students, including clustering analysis on a village-level cardiac disease risk survey and data collection on internal medicine patients to support PKM proposal development.

Badan Pusat Statistik **Jun 2025 - Jul 2025**

Data Analyst Intern *Semarang*

- Assisted in data analysis and data entry processes as part of national statistical activities. Supported the implementation of the Desa Cantik survey program, and served as a classroom facilitator in surveyor training and briefing sessions.

Education

Diponegoro University **Aug 2023 - Apr 2027**

Undergraduate Statistics Student , null

Skills

- Data Modeling, Deep Learning, Artificial Intelligence (AI), EDA, English, Web Design, Vibe Coding, Web Development, Web Project Management, Information Analysis, Survey Research, Data Entry, Canva, Data Analysis, Data Visualization, Microsoft Office Suite

Projects

Website Desa Sukoharjo **Jul 2026 - Aug 2026**

Certifications

- Tata - GenAI Powered Data Analytics Job Simulation
- Sertifikat EF SET Bahasa inggris 64/100 (C1 Lanjut)
- Membangun Proyek Deep Learning Tingkat Mahir
- Belajar Fundamental Deep Learning
- Belajar Machine Learning untuk Pemula
- Belajar Dasar AI
- Memulai Pemrograman dengan Python