

Samuel Nardus Hamonangan Sinaga

South Tangerang, Banten, Indonesia — samuelsinaga53@gmail.com — +62 821-9987-1127 —
[Github](#) — [LinkedIn](#)

Summary

I am a fourth-year Informatics Engineering student at Universitas Pancasila with a strong interest in data science and machine learning. I have experience in data preprocessing, exploratory analysis, and building predictive models using Python, SQL, Pandas, and Scikit-learn. I am also familiar with deploying machine learning models into production environments to ensure scalability and real-world impact.

Education

Universitas Pancasila, Jakarta Selatan Aug 2022 - Present
Bachelor of Engineering, Informatics Engineering
Current GPA: 3.70/4.0
Relevant coursework: Data Scientist, Artificial Intelligence, Machine Learning, DevOps.

Organizational Activities

Bangkit Academy 2024 Batch 2 Sep 2024 - Jan 2025
Machine Learning Cohort

- Studied machine learning with a strong emphasis on deep learning using TensorFlow, gaining hands-on experience in model development and evaluation.
- Engaged in soft skill training, enhancing communication, problem-solving, and teamwork abilities to support professional growth.

Asah led by Dicoding in association with Accenture Oct 2025 - Jan 2026
Machine Learning Mentor

- Mentored 45 students in the Machine Learning track by providing technical guidance, learning direction, and progress monitoring throughout the program.
- Assisted mentees in understanding core ML concepts (supervised learning, evaluation metrics, model training) and helped troubleshoot project-related issues to improve completion outcomes.

Coding Camp powered by DBS Foundation Feb 2026 - Present
Data Scientist Facilitator

- Facilitating students in the Data Scientist learning path by guiding their progress through structured modules, assignments, and program milestones.
- Conducting weekly consultations and discussion sessions to provide learning support, clarify course materials, and ensure participants stay aligned with mandatory tasks and capstone preparation.

Projects

Swisstination, Individual Project Sep 2025

- Developed a tourism recommendation system for Swiss destinations using Singular Value Decomposition (SVD) and implemented the front-end interface.
- Implemented an end-to-end MLOps pipeline integrating CI/CD with GitHub Actions, Docker-based deployment, and real-time monitoring using Prometheus and Grafana.

Certifications

- [Dev Certified for Machine Learning with TensorFlow](#) — **dev.cert by dev.id** *Mei 2025*
- [Membangun Sistem Machine Learning](#) — **Dicoding** *Juni 2025*
- [Belajar Penerapan Data Science](#) — **Dicoding** *Mei 2025*

Languages

- Bahasa Indonesia (Native)
- English

Skills

Technical skills: Python, SQL, Docker, Git, MLFlow, Grafana, Prometheus, Microsoft Office
Soft skills: Teamwork, Communication, Problem-Solving, Critical Thinking, Adaptability.