Scudetto Ciano Syam

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Summary

A dedicated final year **Information Systems student** at **Universitas Indonesia** with deep expertise in **data analytics and machine learning**. Demonstrated professional experience through internships in data analysis, machine learning engineering, and data science roles. Proven ability to transform complex datasets into **actionable business insights** through advanced statistical modeling and visualization techniques. Passionate about leveraging cutting-edge data technologies to solve challenging business problems and drive **data-informed strategic decisions**.

Education

Universitas Indonesia, Bachelor of Information Systems   2022 – Present

- **Relevant Coursework:** Artificial Intelligence & Fundamentals of Data Science, Statistics and Probability, Database Systems, Linear Algebra, Fundamentals of Programming, etc

Professional Experience

Data Analyst Intern, PT. Madhava Persada Group   Jan 2025 – Feb 2025

- Conducted comprehensive employee turnover and retention analytics reducing data inconsistencies by **100%**
- Built **2-page** interactive dashboard using Google Looker Studio featuring **10+** dynamic visualizations
- Enhanced stakeholder decision-making process through automated reporting and continuous insights

Machine Learning Engineer, Infinite Learning   Apr 2025 – Jun 2025

- Developed and deployed tourism recommendation systems and intelligent chatbot solutions meeting all stakeholder requirements
- Processed and analyzed **400+** tourism data points for a comprehensive recommendation system
- Applied machine learning-based clustering and similarity analysis techniques to uncover patterns across **30+** cities and categories

Data Scientist, ID/X Partners (Project-based Virtual Intern)   Feb 2025 – Mar 2025

- Developed machine learning models for credit risk prediction with exceptional performance through end-to-end data science pipeline
- Conducted thorough data preprocessing, cleaning, exploratory data analysis, and feature engineering on **460K+** financial loan records spanning **7 years** (2007-2014)
- Earned Certificate of Achievement (highest recognition) for excellent performance in data science internship

Key Projects

Business Campaign Analytics Project   View Report

- In-depth analytics for evaluating **50+** Facebook campaigns for Prabowo-Gibran National Campaign Team
- Delivered comprehensive performance evaluation report with actionable strategic recommendations
- Combined quantitative analysis with socio-political context for enhanced decision-making insights
- Technologies: Python, Pandas, NumPy, Matplotlib, Seaborn, Google Sheets

Sales Dashboard Project   View Dashboard

- Analyzed retail data to identify key performance indicators and business metrics for strategic decision-making
- Created two-section dashboard covering Sales Overview and Ship Performance with custom metrics
- Implemented advanced interactive features including filters, controls, and drill-down capabilities
- Technologies: Google Looker Studio, Google Sheets

Employee Machine Learning Analytics

- End-to-end ML project for employee churn classification, income regression, and segmentation clustering
- Achieved **1st place** in faculty Kaggle regression competition and **3rd place** in classification competition
- Built advanced data visualizations and statistical analysis for model interpretation
- Technologies: Python, Scikit-learn, Pandas, NumPy, Matplotlib/Seaborn, Imbalanced-learn, Optuna

Leadership and Organizational Experience

Project Leader & Data Science Student, Digital Skola Bootcamp   Jul 2024 – Oct 2024

- Led cross-functional team of 7 data science students achieving **100%** on-time delivery for weekly project outputs
- Developed song popularity prediction model deployed on Streamlit platform
- Achieved **1st place** ranking among 32 participants in final bootcamp evaluation

Programming Mentor, DDP 0   Aug 2023 – Sep 2023

- Mentored junior students in Python programming fundamentals including data types, conditionals, loops, functions, and OOP
- Taught essential programming concepts: arithmetic operations, data structures, string formatting, debugging techniques

Skills

Hard Skills: Python, SQL, Excel, Tableau, Google Looker Studio, Power BI, Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, TensorFlow, PyTorch, Streamlit, Flask, FastAPI, Git/GitHub, Docker, Google Sheets

Soft Skills: Analytical Thinking, Problem Solving, Team Leadership, Project Management, Communication, Data Storytelling, Strategic Planning, Business Acumen