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 across multiple 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 comprehensive recommendation system
- Implemented end-to-end model development and deployment pipeline using Flask and Render

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 for financial datasets
- Earned Certificate of Achievement (highest recognition) for excellent performance in data science internship

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

Key Projects

Employee Machine Learning Analytics — View Project

- 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

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

Skills

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

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