GILANG SAPUTRA

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PROFILE

Third-year Information Systems undergraduate at Universitas Indonesia focused on data science, business intelligence, and product analytics. Experienced in Python, SQL, Power BI, Tableau, Django, and Flutter through internship, analytics projects, and full-stack product development.

EDUCATION

Universitas Indonesia 2024 - 2028

Bachelor of Information System

- Full Scholarship Recipient, Yayasan Harapan Cerah (2024–Present)

WORK EXPERIENCE

PT Lucky Indah Keramik Jakarta

Management Information System Intern Jun 2025 - Aug 2025

- Developed Power BI reports for Finance and Manufacturing teams to improve business reporting visibility and data accessibility.
- Processed and validated finance and operational datasets using SQL and Python to support ad hoc reporting and decision making.
- Assisted payment documentation for domestic, import, and project-related transactions across finance administration workflows.
- Documented approval processes and evaluated data synchronization issues to improve cross-functional coordination.

PROJECT

Weather Analytics & Power Outage Prediction - Machine Learning Project

- Built an end-to-end machine learning pipeline to analyze weather patterns and predict power outage risks using Python and Scikit-learn.
- Compared classification, regression, and clustering models to identify weather variables associated with outage probability.
- Evaluated model performance using accuracy, F1-score, RMSE, or MAE to determine the most effective prediction approach.

SpeedView – Formula 1 Analytics Platform

- Developed SpeedView, a registered Formula 1 analytics platform that transforms race, lap, circuit, and pit stop data into interactive insights.
- Built a full-stack application by integrating backend services with a mobile interface for seamless analytics exploration.
- Designed analytics features for race sessions, driver performance, lap comparison, circuit analysis, and pit stop strategy.
- Received official copyright registration from the Directorate General of Intellectual Property, Indonesia.

Business Intelligence & Decision Analytics - Python, Tableau, Power BI, SQL

- Developed business intelligence workflows to clean, analyze, and visualize data for reporting and decision support.
- Designed interactive dashboards and performance reports to monitor business metrics, identify trends, and communicate insights.
- Conducted scenario analysis to evaluate strategic alternatives and support data-driven investment decisions.

Kelana – UX Research & Product Design

- Conducted qualitative user research with five stakeholders to identify user needs and business opportunities for a digital tourism platform.
- Synthesized research findings into personas, journey maps, and product requirements to guide user-centered product development.
- Designed low-fidelity and high-fidelity prototypes in Figma and validated design decisions through usability testing.

SKILL

- Programming: Python, SQL
- Data Science: Pandas, NumPy, Scikit-learn, EDA, Data Cleaning, Feature Engineering, Predictive Modeling, Statistical Analysis
- Business Intelligence: Power BI, Tableau, Power Query, Dashboard Development, Data Visualization, Business Reporting
- Software Development: Django, Flutter, REST API, JSON, Git
- Product Design: Figma, User Research, User Persona, Wireframing, Prototyping, Usability Testing

AWARDS

Registered Copyright (Hak Cipta) for SpeedView – Formula 1 Analytics Platform

Awarded official copyright registration for the development of SpeedView, a full-stack Formula 1 analytics platform.