FAYED ABDUL HAKIM

INFORMATION SYSTEMS STUDENT

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Portfolio: https: https://fayedportfolio.vercel.app/

SUMMARY

Data Analyst with hands-on experience in Python, SQL, and dashboard development, specializing in data cleaning, statistical analysis, and predictive modeling. Skilled in transforming multi-year and multi-indicator datasets into actionable insights using Pandas, Scikit-learn, MySQL, Tableau, and Excel. Proven ability to build regression models (Linear, Decision Tree, Ridge, Lasso) and interactive dashboards that support decision-making. Strong foundation in data modeling, feature engineering, and analytical storytelling.

SKILLS

- **Programming & Analysis:** Python, SQL, Pandas, NumPy, Scikit-learn, Statistical Analysis, EDA, Regression Modeling
- **Data Management:** Data Cleaning, ETL Concepts, Feature Engineering, Data Quality Validation, Data Collection, Data Documentation
- **Visualization & Tools:** Tableau, Power BI, MySQL, Microsoft Excel, Power Query, GitHub, VS Code
- **Analytics:** Data Modeling, KPI Analysis, Dashboard Development, Retail Sales Data Analysis, Operational Data Analysis, Report Making
- **Soft Skills:** Collaboration, Insight Generation, Recommendation, Cross-Division Teamwork, Operational Support, Communication, Problem solving, Documentation skills

PROJECT EXPERIENCE

Comparison of Multiple Regression Models for US House Price Prediction   **Sep 2025**
[**Tools:** Python, Scikit-learn]

- Analyzed 12 economic indicators and built interactive Tableau dashboard comparing Indonesia with ASEAN and global averages
- Identified three strongest drivers of index movement: investment freedom, government size, and property rights

Economic Freedom Index Analysis - Indonesia (2000-2024)   **Jan 2024**

[**Tools:** Tableau, Python │ **Data:** 25 years, 12 indicators]

- Processed dataset through cleaning, outlier removal, normalization, and encoding; compared 4 regression models using 80:20 split
- Achieved $R^2 = 0.994$ with Linear Regression and $R^2 = 0.992$ with Decision Tree, demonstrating model evaluation capabilities

EDUCATION

Multimedia Nusantara University   **Aug 2022 - Present**
Bachelor of Information Systems │ GPA: 3.60 / 4.00
Relevant coursework: Data Warehouse, Information Systems Analysis and Design, Database Systems, Data Modeling, Machine Learning, Data Visualization

CERTIFICATIONS

- Samsung Innovation Campus – Python Programming (2025)
- IBM – What is Data Science (2023)