KEVIN BUDIAWAN SIDARTA

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Final-year Information Systems student at Gunadarma University with an interest in Data Analytics, Data Science, and Business Intelligence. Experienced in data preparation, visualization, SQL analytics, and developing machine learning models, with one year as a Laboratory Assistant. Skilled in Python, SQL, Power BI, Excel, and Scikit-learn, with strong analytical, problem-solving, and communication skills.

EDUCATION

Gunadarma University – Depok, Indonesia 2023 – Expected 2027
Majoring in Information Systems

- GPA: 3.93/4.00
- Coordinated 4+ academic projects, all of which achieved top (A) grades.

EXPERIENCE

High Performance Computing (HPC) DGX Gunadarma Sept 2023 - Present
Laboratory Assistant

- Developed Data Analytics and Science learning modules, resulting in an interactive web-based machine learning application for hands-on student learning.
- Led 2+ end-to-end machine learning and data analytics projects, resulting in novel insights through research on machine learning models, methodologies, and project topics.

Lembaga Pengembangan Komputerisasi Universitas Gunadarma Sept 2025 – Juni 2026
Lembaga Sertifikasi Profesi Teaching Assistant

- Mentored 50+ students through CRISP-DM-based case studies, driving successful delivery of real-world data analytics and science projects.
- Delivered 4+ hands-on data science and analytics training projects to 30+ students, preparing them for SKKNI Data Science certification.

PROJECTS

Sales Dashboard (Pizza Store Sales Report) | SQL, Power BI

- Developed SQL queries to analyze KPIs and sales trends, resulting in an interactive Power BI dashboard for real-time sales monitoring.

Customer Churn Analysis Dashboard | Power BI

- Analyzed customer churn patterns via preprocessing and EDA, resulting in an automated Power BI dashboard that surfaced key churn drivers across customer segments.

Time Series Forecasting - Indonesian Agricultural Producer Price | Python, Power BI

- Developed and validated a SARIMAX/ARIMA time series model (30+ years of data) to forecast Indonesia's agricultural PPI 10 years ahead, achieving 1.48% MAPE and 96% R^2 accuracy.
- Built an interactive Power BI dashboard visualizing historical and forecasted trends, enabling data-driven monitoring of projected price changes.

Classification and Profiling – Credit Risk Study Case | Python, Machine Learning

- Built and evaluated four classification models (Decision Tree, KNN, SVM, Naive Bayes) using SMOTE and feature scaling on imbalanced data, achieving 88%+ F1-scores and identifying key drivers of credit risk.

AREAS OF EXPERTISE

Tools: SQL, Microsoft Excel (LOOKUP Functions, PivotTables), Power BI, Python (Pandas, Scikit-learn, Matplotlib).

Languages: Bahasa Indonesia and English

Certificates & Courses: Asean Data Science Explorers 2025, IBM Data Analyst Professional Certificate (Course), SQL for Data Analysis, Hands-on industry skills for analysts (Udemy)