

AMALINA ZAHRANI PUTRI

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Data Analyst with hands-on experience in enterprise data systems (SAP BW/BPC) and ETL processes. Skilled in data validation, root cause analysis, and large-scale data handling within financial reporting environments. Experienced in troubleshooting data discrepancies across BW, ECC, and EDW layers. Strong foundation in Python, SQL, and machine learning, with proven ability to translate complex data into actionable insights. Published researcher at ICoDSA 2025.

EXPERIENCE

Accenture

Semarang, Indonesia

Packaged Application Development Analyst

Oct 2025 – Apr 2026

- Performed data analysis and root cause investigation across SAP BW/BPC systems to ensure accuracy of enterprise financial reporting
- Supported 15+ incidents and change requests related to data discrepancies, ETL processes, and reporting issues
- Analyzed large-scale datasets (hundreds of thousands to 6M+ records) to validate data consistency across BW, ECC, and EDW layers
- Contributed to ETL optimization by refining filtering logic, reducing data volume from 30M+ to <1M records to improve system performance
- Conducted end-to-end analysis of ETL pipelines including DataSources, PSA tables, BIC objects, and process chains
- Supported full load, delta load, and adhoc extraction processes for reporting and business needs
- Collaborated with cross-functional stakeholders (Finance, HR, Operations) to communicate findings and support issue resolution.

Ministry of Education, Culture, Research, and Technology

Jakarta, Indonesia

Information Systems Intern (MSIB Batch 7)

Sept 2024 – Dec 2024

- Contributed to system improvement initiatives for national curriculum platform (SIKN)
- Created documentation, user flows, and system guidelines for internal processes
- Collaborated with stakeholders to support system ideation and workflow improvements.
- Acted as event moderator and content lead during education-sharing sessions.

Telkom Indonesia

Bandung, Indonesia

Data Analyst Intern

June 2024 – Aug 2024

- Conducted stakeholder analysis to define requirements for enterprise reporting dashboards
- Developed dashboards using Looker Studio and custom web-based applications
- Built full-stack dashboard system using Node.js, Express.js, Firebase, and Google Sheets API
- Implemented real-time data visualization features (filters, charts, export functionality)
- Performed iterative testing and improvements based on user feedback

EDUCATION

Telkom University – Information Systems

Bandung, Indonesia | Sep 2021 – Expected Aug 2025 | GPA: 3.67/4.00.

Thesis: Two-Stage XGBoost-Based Classification of Chili Fruit Grades Using Weekly Vegetative Features

SKILLS

Data & Analytics: Python, SQL, Pandas, Power BI, Tableau, Excel, Looker Studio

Enterprise Systems: SAP BW, SAP BPC, ETL Processes, Enterprise Data Warehouse

Machine Learning: Scikit-learn, XGBoost, Random Forest, MLP

Office Tools: Word, Excel, PowerPoint, Outlook

Soft Skills: Communication, Collaboration, Critical Thinking, Creativity

Proficiency: Professional English

CERTIFICATE

Associate Data Scientist – BNSP (2025)

SAP: SCM 500, AC010, SAP01 (2023)

Scrum Foundation – CertiProf (2023)

RESEARCH & PROJECTS

2025

“Two-Stage XGBoost-Based Classification of Chili Fruit Grades Using Weekly Vegetative Features”

Published at ICoDSA 2025 – International Conference on Data Science and Analytics

- Built a two-stage XGBoost model for classification (accuracy 83%, macro F1-score 82%)
- Applied CRISP-DM methodology with feature engineering and model optimization
- Developed and deployed a web-based prediction tool for practical agricultural use.