

YOLANDA SEPTANIA SARAGIH

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SUMMARY

Information System student with a strong foundation in data analysis and statistics. Experienced in using Python, Pandas, and Excel to clean, analyze, and visualize data. Familiar with SQL for querying structured datasets and creating analytical reports. Passionate about transforming data into actionable insights and eager to grow as a Data Analyst through hands-on projects and real-world problem solving.

EXPERIENCE

Web Developer & System Analyst

06/2025 – 12/2025

LadangQu – Agricultural Forum & Marketplace

- Developed a web-based agricultural forum and marketplace using Laravel and MySQL to support discussions, product listings, and transactions between farmers and buyers.
- Designed system workflows and relational database schemas, translating real-world agricultural processes into structured, analyzable data models.
- Integrated REST APIs and Midtrans payment gateway to enable secure online transactions and seamless data flow between frontend and backend.
- Performed API and functional testing using Postman and utilized Git/GitHub for version control and team collaboration.

System Analyst & Frontend Developer

11/2025 - Present

Approve Flow – Document Approval System

- Developed a responsive web interface for document submission and multi-level approval workflows.
- Analyzed approval processes and translated organizational requirements into structured system logic.
- Designed workflows and data models to track document status and approval history.
- Integrated frontend components with backend APIs for real-time status updates.

Junior Data Scientist

10/2025 – 10/2025

Badan Pengembangan SDM Komdigi - Institut Teknologi Del

- Completed an intensive training program covering end-to-end data science and data analysis workflows, including data collection, validation, and preprocessing.
- Performed data cleaning, data construction, and labeling to prepare structured datasets for analysis and modeling.
- Conducted data exploration and analysis to identify patterns, trends, and data quality issues.
- Built and evaluated basic machine learning models to understand predictive performance and model accuracy.
- Utilized data science tools and analytical methods to support data-driven insights and problem solving.

System Analyst & UI/UX Designer

08/2024 - 01/2025

Project: KerjaKu – Informal Job Marketplace Platform

- Conducted end-to-end system and business process analysis for a web-based job marketplace platform.
- Translated real-world problems into structured data requirements, use cases, and process models.
- Analyzed service time and workflow efficiency to identify process optimization opportunities.
- Designed data models (ERD) and process flows (DFD) to support scalable data storage and analysis.
- Defined functional and non-functional requirements aligned with system performance and usability.
- Created data-driven UI/UX designs in Figma based on user behavior and system analysis.

- Collaborated in transforming analytical findings into practical product features (matching system, rating, verification).

EDUCATION

Information System

Institut Teknologi Del – Bachelor Degree

11/2023 - Present

SKILLS

SQL (MySQL)	Problem Solving
Data Modeling & Relational Database	System Analysis & Design (SAD)
Data Analysis & Insight Generation	Business Process & Workflow Modelin
Analytical	System Documentation (SRS)
Data Cleaning & Validation	Critical Thinking
Exploratory Data Analysis (EDA)	Data-Driven Mindset
Business Process Analysis	

TOOLS

MySQL	Laravel / PHP
DBeaver	MongoDB
Microsoft Excel	Figma
Python (Jupyter Notebook)	Visual Studio Code
Postman	Git & GitHub

LANGUAGES

English

Intermediate

Indonesia

Native