

DWI AMALIA — Data Enthusiast

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SUMMARY

Data professional with a strong academic background in Mathematics, Statistics, and Quantitative Modeling. Experienced in Python, SQL, Excel, Tableau, and Power BI for data cleaning, exploratory data analysis (EDA), dashboard development, and insight generation. Skilled in transforming raw data into actionable insights to support data-driven decision making. Detail-oriented with strong analytical and problem-solving abilities. Aspires to build a career as a Data Analyst or Data Scientist.

EDUCATION

Data Science & Data Analyst Bootcamp Batch 1 – dibimbing.id

Sep 2025 – Present

- Learned data cleaning, EDA, data visualization, and dashboard development
- Built end-to-end analytics projects using Python, SQL, Tableau, and Power BI
- Collaborated in group projects and analytics discussions with mentors

Bachelor of Mathematics – Universitas Bengkulu

Aug 2016 – June 2020

- Cumulative GPA: 3.27/4.0 (144 Credits).
- Focused on statistics, quantitative modeling, and numerical analysis
- Strengthened analytical reasoning, problem-solving, and logical thinking
- Active member of student organizations (HIMATIKA & BEM FMIPA)

PROJECT PORTOFOLIO

Mini Project 1 (Data Analysis) : [Indian Kids Screen Time Analyst](#)

Oct 2025 – Nov 2025

- Cleaned and transformed raw survey data to identify screen time patterns among children.
- Developed an interactive Power BI dashboard to visualize usage trends and key insights.
- **Tools:** Python, Power BI, Canva

Mini Project 2 (Data Analysis) : [Airline Passenger Experience Analyst](#)

Nov 2025 – Dec 2025

- Conducted EDA to determine drivers of passenger satisfaction and sentiment.
- Built a Tableau dashboard to present findings for stakeholder decision-making.
- **Tools:** Python, Tableau, Canva

Mini Project 3 (Data Analysis) : [E-Commerce Customer Purchase Behavior](#)

Nov 2025 – Dec 2025

- Cleaned and analyzed e-commerce customer data to identify purchase behavior and preference patterns.
- Developed a Tableau dashboard to visualize customer trends and key insights supporting retention and satisfaction strategies.
- **Tools:** Python, Power BI, Canva

Mini Project 4 (Data Science) : [Wine Quality Prediction](#)

Dec 2025 – Jan 2026

- Cleaned and analyzed wine quality dataset to identify key physicochemical factors influencing quality scores and customer taste profiles.
- Built and evaluated a machine learning model to predict wine quality, then deployed it as an interactive Streamlit app for real-time predictions and insight visualization.
- **Tools:** Python, Canva, Streamlit

Mini Project 5 (Data Analyst) : [Hotel Booking Analyst](#)

Jan 2026 – Jan 2026

- Cleaned and analyzed hotel booking data to uncover booking behavior, stay patterns, and cancellation drivers across customer segments.
- Developed an interactive Tableau dashboard to visualize booking trends (ADR, lead time, seasonality, cancellations) and deliver insights supporting occupancy optimization and revenue/retention strategies.
- **Tools:** Python, Power BI, Canva

Exam Project (Data Analyst & Data Science) : [Food Delivery Time Prediction](#)

Jan 2026 – Jan 2026

- Conducted exploratory analysis to identify key factors affecting food delivery duration (distance, traffic, order volume).
- Built dashboard and a predictive model to estimate delivery time and support logistics efficiency and customer satisfaction.
- **Tools:** Python, Power BI, Canva

WORK EXPERIENCE

Administrative Staff – Rumah Tahfidz Ibnu Muhtaram

Aug 2020 – Aug 2022

- Managed daily communication with **10–15 clients**, ensuring timely responses and consistent service quality
- Processed and maintained **100+ financial documents per month**, including petty cash, invoices, and operational records
- Prepared and reviewed **50+ business documents** (reports, letters, proposals).

Mathematics Tutor – Bimbingan Belajar Alfatih

Aug 2020 – Aug 2022

- Designed structured lesson plans based on student assessments and curriculum standards
- Tutored and monitored academic progress of **50+ students** from elementary to high school
- Communicated learning progress to parents and adjusted teaching strategies based on student needs

Laboratory Assistant — University of Bengkulu

Sept 2017 – Dec 2018

- Supported lecturers by preparing learning materials, guiding practical sessions, and assisting with class administration.
- Mentored and supervised students during lab activities, ensuring comprehension of statistical and mathematical concepts.
- Helped evaluate assignments and maintained accurate student performance records.

ORGANIZATIONAL EXPERIENCE AND ACTIVITIES

Head Section of Division Entrepreneurship - BEM FMIPA

Jan 2018 – Jan 2019

- Managed and grew social media accounts, achieving **30% follower growth in one month**.
- Coordinated with Palang Merah Indonesia to successfully organize a faculty-wide blood donation program.
- Led end-to-end product production and sales for **3+ products**, generating **40% profit growth** within one month.

Staff of Division Regeneration - HIMATIKA

Jan 2017 - Jan 2018

- Planned and organized a **student leadership training**, engaging **50+ active participants** from the organization.
- Collaborated with **section heads and staff** to implement **75% of the organization's annual work programs**

ADDITIONAL

Technical Skills : EDA (Python, SQL/PostgreSQL, R), Data Visualization & Data Apps (Power BI, Tableau, Streamlit), Statistical Analysis (R, SPSS), Excel, Microsoft 365, MATLAB, Canva, GitHub, n8n.

Soft Skill : Analytical thinking, problem-solving, data-driven mindset, communication, teamwork, attention to detail

Language : Bahasa Indonesia (Fluent), English (Upper-Intermediate – B2/C1)

SERTIFICATION

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|--|----------------------------|
| • Data Analytics and Data Science — dibimbing.id | <i>Feb 2026 - Feb 2029</i> |
| • SQL Database Management — DQLab | <i>Feb 2026 - Feb 2029</i> |
| • Python Fundamental for Data Science – DQLab | <i>Feb 2026 - Feb 2029</i> |
| • Explorasi Data Ritel Menggunakan R – DQLab | <i>Feb 2026 - Feb 2029</i> |
| • SKU Funnel Data Mart menggunakan SQL — DQLab | <i>Feb 2026 - Feb 2029</i> |
| • TOEFL Test — Speaking Partner | <i>Aug 2022 - Aug 2026</i> |