

NUSAIBAH FATHUL JANNAH

Data Analyst

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PROFESSIONAL SUMMARY

Telecommunication Systems graduate (GPA 3.79/4.00) with hands-on experience in data management, IT operations, and statistical reporting through an internship at Statistics Indonesia (BPS). Completed an intensive Data Analyst With AI Bootcamp, developing practical skills in Python, SQL, data cleaning, multi-source integration, data validation, and interactive dashboard development. Experienced in transforming raw datasets into structured insights through end-to-end analytics projects, including business performance analysis involving 320 transactions and 190 customer reviews. Strong analytical thinking, problem-solving, and attention to data quality, with an interest in supporting data-driven business decisions.

TECHNICAL SKILLS

Programming & Query:	Python, SQL
Python Libraries:	pandas, NumPy
Database:	MySQL, SQLite, DuckDB
Data Analysis:	Data Profiling, Data Cleaning & Wrangling, Multi-source Data Integration
Data Visualization:	Interactive Dashboards (Plotly/HTML), Data Storytelling, Infographics
Data Quality:	Grain Check, Primary Key & Foreign Key Integrity, PII Anonymization, Cleaning Rulebook
Tools:	Jupyter Notebook, Git, Microsoft Office (Excel), Linux (Ubuntu), VS Code
Data Formats:	CSV, JSON, XLSX, Parquet

PROJECTS

SwiftBite – Business Performance & Operational Analytics (Capstone) **2026**

Data Analyst With AI Bootcamp | Python, pandas, DuckDB, Plotly, HTML

- Analyzed a food delivery platform end-to-end using 320 unique transactions (GMV IDR 41.57M) and 190 customer reviews for Q1 2026.
- Built an integrated pipeline (left join of transaction and review sources) achieving 100% grain integrity and zero PII leakage.
- **Identified 3 critical business findings:**
  - Loyal segment contributes 27.55% of Net Payment (IDR 10.47M) with the highest average spend of IDR 126,229/order among 3 customer segments.
  - Fast Food late delivery rate reached 39.58% (19/48 delivered orders) with an extreme delay of 55 minutes, the platform's largest operational bottleneck (overall late delivery rate: 28.47%).
  - 30% of Fast Food reviews are negative (9/30), with recurring complaints mentioning cold food and spilled packaging, particularly in delayed deliveries.
- Built a standalone interactive HTML dashboard (4.9 MB) with 5 validated filter scenarios and zero discrepancy against the source CSV data.
- Proposed 3 data-driven recommendations (VIP dispatch for Loyal customers, radius limit for Fast Food, thermal bag mandate) with measurable Q2 2026 KPI targets.

NusaMart E-Commerce – Multi-Source Data Integration Pipeline **2026**

Data Analyst With AI Bootcamp | Python, pandas, SQL/DuckDB, SQLite, Parquet

- Built a reusable pipeline integrating 5 source formats (CSV, JSON, Excel, SQLite, Parquet) into one automated workflow.
- Applied data quality validation: grain check, primary key integrity, foreign key reconciliation, and a full audit trail for every transformation.
- Implemented PII anonymization (masking email, phone number, customer name) to support privacy-safe analytics.
- Developed a reusable and automated data integration pipeline to consolidate five different data sources into a standardized analytical dataset, supported by validation rules and transformation audit trails.
- Ensured 100% reproducible output; re-ran the pipeline on different periods (Jan–Jun baseline: 320 orders vs. July: 70 orders) without code changes.

NusaMart – Business Intelligence Dashboard with Automated Testing **2026**

Data Analyst With AI Bootcamp | Python, Plotly, HTML, Automated Assertions

- Built an interactive BI dashboard covering multi-metric e-commerce performance (revenue, order volume, customer behavior).
- Developed assertion-based automated tests in Python to validate all KPIs and aggregations, removing manual checking.
- Designed 5+ interactive filter scenarios with end-to-end functional testing to keep backend CSV and dashboard figures consistent.
- Delivered a standalone HTML dashboard, presentation-ready without a server or internet connection.

INTERNSHIP EXPERIENCE (DATA & IT)

Computer Operator Assistant Intern **Dec 2025 – Jun 2026**

Badan Pusat Statistik (BPS) Kabupaten Kepulauan Seribu

- **Prepared,** organized, and managed statistical data to support institutional publications and reporting, including statistical news releases and regional statistical reports.
- **Developed** SIMPONI, a web-based budget and honorarium monitoring system, integrating structured data management using MySQL.
- **Designed** data monitoring features to support budget tracking, reporting, and information accessibility.
- **Created** data-driven infographics to communicate statistical findings through institutional publications.

  Supported IT operations, computer systems, and technical troubleshooting to maintain institutional workflows.

EDUCATION

Universitas Pendidikan Indonesia **Aug 2021 – Jan 2025**

Bachelor of Telecommunication Systems | GPA: 3.79/4.00

- **Thesis:** IoT Based Smart Door Selector for Double Security: Integration of RFID and Blynk App for an Economical Solution (published in Eduvest Journal, 2025, https://doi.org/10.59188/eduvest.v4i10.39011)

CERTIFICATIONS

- **Bootcamp Data Analyst With AI**– Ioda Academy X Plan Indonesia (2026)
- **Asisten Pengembangan Web** – BNSP Sertifikat Kompetensi (2026-2029)
- **Maganghub Certificate Computer Operator Assistant -** BPS Kabupaten Kepulauan Seribu (2026)
- **Meta Front-End Developer** – Meta, Coursera (2024)

ADDITIONAL

Web & Other:	PHP, JavaScript, HTML/CSS, Basic React, C/C++, Figma
Soft Skills:	Analytical Thinking, Problem Solving, Attention to Detail, Communication, Adaptability