

# Albar Pambagio Arioseto

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## Summary

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Data analyst with hands-on experience building end-to-end analytics pipelines — from ETL and star schema design to interactive dashboards and time-series forecasting. Projects span FMCG procurement intelligence, pharmacy retail operations, and e-commerce marketing analytics. Strong foundation in Python, SQL, and business-oriented storytelling; background in UX design sharpens how I communicate findings to non-technical stakeholders.

## Education

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Universitas Terbuka, Bachelor in Management Jan 2022 – Jan 2026

Pacmann, Program in Analytics & Data Science Jan 2023 – Jan 2025

Bangkit Academy (Google, Tokopedia, Gojek, Traveloka), Independent Study in Cloud Computing Jan 2024 – present

## Experience

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UX Designer, PT Kautsar Inovasi Teknologi Digital Jan 2020 – Jan 2021

- Designed user interfaces for school and learning management system products, translating user requirements into component specifications
- Collaborated with developers to establish a shared design system, reducing implementation inconsistency across product lines

## Projects

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[Indonesia Food Price Intelligence](#) [↗](#) In Progress

17-year WFP food price pipeline (325,240 raw rows to 2,116 analytical rows) across 224 markets in 34 provinces. dbt transformation layer with 33 automated tests. AutoARIMA/AutoETS forecasting with 12-month holdout validation.

- 325K+ raw rows transformed to 2,116 analytical rows via dbt
- 224 markets across 34 Indonesian provinces
- 33 automated dbt tests for data quality
- AutoARIMA/AutoETS forecasting with 12-month holdout validation

[Pharmacy Retail Sales Analytics](#) [↗](#)

End-to-end ETL pipeline processing 511,559 pharmacy transaction lines. Parsed irregular prescription number formats, designed star schema, classified 2,233 SKUs.

- 511,559 transaction lines ingested via ETL pipeline
- 2,233 SKUs classified; 2 negative-margin products identified
- [Dashboard](#) [↗](#) with margin threshold slider and CSV export

## [Olist Marketing Funnel: Channel Performance & LTV Analysis](#) ↗

Analyzed 8,000 MQLs and 100,000 orders. Combined star schema joining marketing funnel and e-commerce datasets. Identified root cause of Social channel low conversion rate.

- 8,000 MQLs and 100,000 orders analyzed
- Social channel conversion: 5.56% vs 17.3% Wolf-profile deal mix
- 4-page Power BI dashboard for VP Marketing budget allocation – [Deck](#) ↗

## Skills

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**Languages:** Python, SQL, TypeScript

**Databases & Tools:** PostgreSQL, DuckDB, dbt, pandas

**Analytics:** ETL Pipeline Design, Star Schema Modeling, Exploratory Data Analysis, Time-Series Analysis, Forecasting (AutoARIMA, AutoETS)

**Business Analytics:** Funnel Analysis, LTV Analysis, Power BI

**Web & Deployment:** Next.js, Recharts, Cloudflare Pages, GitHub Actions, Marimo