

Gema Amran Nathansyach

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Summary

Data Analyst and **BNSP-certified Associate Data Scientist** focused on turning raw data into clear business decisions. Analyzed **100K+ e-commerce orders** to uncover delivery, retention, and revenue risks, and ran a data-driven online business with 10–20 sales per month. Skilled in **SQL**, **Python** (pandas, matplotlib), and **Excel**. Open to internships and full-time roles.

Data Projects

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| E-Commerce Business Health Analysis
Olist Brazilian E-Commerce Dataset (Kaggle) · GitHub | Oct 2026
Independent Project |
| <ul style="list-style-type: none">• Business Question, answered “where is the business healthy, and where is it leaking?” by analyzing 100K orders across 8 tables with SQL (JOINS, window functions) and Python (pandas).• Data Cleaning, documented every cleaning decision, such as excluding 2,963 undelivered orders and using unique customer IDs to reveal 3,345 hidden repeat buyers.• Key Findings, deliveries just 1–3 days late cut average reviews by a full star; 97% of customers bought only once; the top 10% of sellers drove 67% of revenue.• Recommendations, turned the findings into 5 prioritized actions on delivery, retention, and seller management. | |
| Fitness Classification Model
Undergraduate Thesis, Universitas Dian Nuswantoro · GitHub | Nov 2025 – Sep 2026
Semarang, Indonesia |
| <ul style="list-style-type: none">• Model Comparison, tested 4 SVM approaches on 2,000 health records to classify fitness levels from physiological data using Python and scikit-learn.• Imbalanced Data & Tuning, applied SMOTE and RandomizedSearchCV, improving test accuracy from 75.8% to 80% with a Nystroem + SGD approach. | |

Experience

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| Online Seller – Gaming Digital Goods
Self-employed | Remote
Jun 2024 – Feb 2026 |
| <ul style="list-style-type: none">• Pricing Analysis, tracked transaction and market data to set competitive prices by item value and demand.• Sales Operations, managed pricing, negotiation, and delivery independently, completing 10–20 transactions per month with zero disputes. | |
| Full-Stack Web Developer (Freelance)
Self-employed | Remote
Mar 2025 – Feb 2026 |
| <ul style="list-style-type: none">• Database Setup & Management, designed and maintained MySQL databases to store and organize client data.• Client Web Applications, built websites and web apps end to end with JavaScript, PHP, HTML, and CSS. | |
| Web Developer Intern
Diskominfo Kota Semarang | Semarang, Indonesia
Feb 2025 – Apr 2025 |
| <ul style="list-style-type: none">• SDN Banyumanik 02 Website, built the school’s official website from scratch to publication, earning a certificate of appreciation. | |

Education

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| Universitas Dian Nuswantoro
B.S. in Informatics Engineering (Computer Science) | Sep 2022 – Sep 2026
Semarang, Indonesia |
| • GPA 3.42/4.00 · Courses: Algorithms & Data Structures, Databases, Machine Learning, Information Systems | |

Certification

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|---|---|
| Associate Data Scientist (Ilmuan Data Madya)
BNSP – Indonesian Professional Certification Authority | Apr 2026 – Apr 2029
ID: 62015 2511 5 010033 2026 |
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Skills

Data Analysis: SQL (JOINS, window functions), Python (pandas), Excel (pivot tables, lookups, Power Query)
Visualization & Reporting: matplotlib, Excel charts, data storytelling for business recommendations
Data & Machine Learning: MySQL, data cleaning, exploratory data analysis, scikit-learn, SMOTE
Tools: GitHub, Jupyter Notebook, Claude (AI-assisted analysis)
Languages: Indonesian (native), English (basic)