

# Niken Larasati Winasih

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## EDUCATION

Indonesia Open University | Bachelor of Statistics | GPA 3.21  
Darus Salam Vocational High School | Software Engineering

Jan 2021 - Sep 2025

Jun 2013 - Jun 2016

## EXPERIENCES AND INTERNSHIP

### Data Scientist Virtual Internship| Home Credit Indonesia via Rakamin Academy

Jan 2024 - Feb 2024

- Mitigate financial loss from loan defaults and optimize marketing spend.
- Developed a Credit Risk **Prediction Model using Python (Scikit-Learn)**; performed Feature Engineering to identify key risk drivers and segmented customers for targeted marketing.
- Produced a model capable of identifying high-risk applicants, providing a data-backed foundation for a new marketing strategy that prioritized low-risk, high-value customers.

### Data Entry & Reporting Support Internship | Central Bureau of Statistics (Kediri)

Aug 2023 - Des 2023

- Managed large-scale official statistics surveys requiring 100% data integrity.
- Executed rigorous data cleaning and consistency verification using specialized validation protocols to identify outliers and missing values.
- Ensured the accuracy of high-stakes regional survey data, contributing to the timely publication of official city-level statistical reports.

### Data Scientist Virtual Internship| ID/X Partner via Rakamin Academy

May 2022 - Jun 2022

- Mitigate financial loss from loan defaults and optimize marketing spend.
- Developed a Credit Risk **Prediction Model using Python (Scikit-Learn)**; performed Feature Engineering to identify key risk drivers and segmented customers for targeted marketing.
- Produced a model capable of identifying high-risk applicants, providing a data-backed foundation for a new marketing strategy that prioritized low-risk, high-value customers.

## PROFESSIONAL PROJECTS (<https://nikenyudha.github.io/Data-Science-Portofolio/>)

### Multi-City Realtime Weather Pipeline

Feb 2026

- Engineered an automated end-to-end ETL pipeline using **Python** to ingest real-time meteorological data from OpenWeather API, streamlining the data collection process and reducing manual intervention by 100%
- Architected a robust cloud storage solution using **Neon PostgreSQL**, implementing advanced SQL "upsert" logic to ensure absolute data integrity and eliminate redundancy across the dataset
- Developed and deployed a dynamic web-based dashboard via **Streamlit**, transforming raw complex datasets into actionable visual insights and real-time climate monitoring for end-users

### Business Analytics Project: Sprocket Central Co. (Virtual Internship via the forage )

Apr 2023

- Analyzed customer and transaction data for a bicycle company to identify growth opportunities.
- Developed a comprehensive Tableau dashboard tracking KPIs like **Margin Ratio, Wealth Distribution, and Demographic Trends** across 5+ brands.
- Derived 6 key business insights, including identifying "Mass Customers" as the most profitable segment and NSW as the primary market, enabling targeted resource allocation.

### Airbnb NYC Market Analysis (Tableau)

Nov 2025

- Designed a comprehensive, interactive dashboard analyzing 48,000+ listings.
- **Key Tech:** Heatmaps, Geographic Mapping, and Time-Series Forecasting.
- Improved UI/UX from standard templates to enhance stakeholder readability and insight discovery.

## LICENCES AND CERTIFICATIONS

Data Science Bootcamp, Shift Academy (2020)

Excel Skills for Business: Essentials, Macquarie University via Coursera (2022)

Data Analytics Virtual Experience Program , KPMG via Forage (2023)

## ADDITIONAL

**Languages :** Bahasa Indonesia (Native); English (Intermediate) ; Mandarin (Basic)

**Technical Skills :** Python (Pandas, NumPy, Scikit-Learn), SQL (PostgreSQL, MySQL ), ETL, R, PHP, HTML

**Tools & Platforms :** Tableau, Streamlit, Microsoft Excel (Advanced), Google workspace, Git/GitHub, Notion, Canva

**Data Science :** Exploratory Data Analysis (EDA), Hypothesis Testing, Feature Engineering

**Modeling :** Regression, Classification, Clustering, Model Evaluation (AUC-ROC, F1-Score)

**Soft skills :** Quick Learner, Responsibility and Accountability, Teamwork, Analytical thinking, problem-solving, Empathy