

Nikki Satmaka

DATA SCIENTIST · QUANTITATIVE INVESTMENT ANALYST

Jakarta, Indonesia

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“One machine can do the work of fifty ordinary men. No machine can do the work of one extraordinary man.”

Education

Hacktiv8

Jakarta, Indonesia

FULLTIME DATA SCIENCE BOOT CAMP (SCORE: 96.62)

Apr 2022 - Jul 2022

- Final project theme: Fintbot - Fintech Chatbot - Repository - Presentation

PPM School of Management

Jakarta, Indonesia

B.ACC. IN BUSINESS ACCOUNTING (GPA: 3.74)

Sep 2011 - Oct 2015

- Thesis theme: Financial and Non-Financial Factors Effect on Bond Ratings

Skills

Domain Expert	Finance, Investment, Math, Statistics
Data Science	NumPy, Pandas, Polars, Scikit-learn, Tensorflow, Keras
Data Engineering	Airflow, Kafka
Cloud	Alibaba Cloud
DevOps	Docker
Back-end	Flask
Database	SQL, Google Cloud Platform BigQuery, MongoDB
Programming	Python, Bash, LaTeX
Tools	Linux, Windows, MacOS, Visual Studio Code, Vim, Emacs, Google Data Studio, Heroku
Languages	English (IELTS Band 8.0), Indonesian
Interests	Chess, Powerlifting, Musical Theatre

Work Experience

PT Datasintesa Teknologi Nusantara

Jakarta, Indonesia

DATA ENGINEER

Sep 2022 - Present

- Design, implement, and improve existing data and analytics platform
- Engineered and maintained end-to-end data pipelines, integrating diverse data sources and ensuring seamless data flow
- Consult with project team to ensure the developed solutions match business needs
- Automated repetitive tasks and workflows using Bash scripting, improving operational efficiency

PT Paman Ryan Indonesia

Jakarta, Indonesia

INVESTMENT ANALYST

Mar 2022 - Present

- Perform financial market research
- Conduct public workshops, seminars, and online webinars
- Create company presentations and courses
- Create market outlooks

9Academy Pte. Ltd., Member of FXPRIMUS Group

Jakarta, Indonesia

TRAINING MANAGER

Nov 2020 - Jan 2022

- Perform financial market research
- Conduct public workshops, seminars, and online webinars
- Create company presentations and courses

PT Bursa Akselerasi Indonesia, Member of SF Capital

Jakarta, Indonesia

BUSINESS DEVELOPMENT

Sep 2018 - Nov 2020

- Evaluate, authorize, or recommend approval of credit loans to management.
- Analyze applicants' financial status, credit, and property evaluations to determine feasibility of granting loans
- Conduct public presentations regarding crowdfunding and peer-to-peer lending in accordance to The Financial Services Authority (OJK) Regulation.
- Review, design, and improve the system together with the IT development team
- Maintain relationship with partners and users

PT Gaya Motor, Member of Astra

Jakarta, Indonesia

FINANCE SUPERVISOR

Jan 2017 - Sep 2018

- Oversees the financial management of the company along with analysis of financial information.
- Manage account payables and receivable activities in a timely manner.
- Forecast cash flow positions, related borrowing needs, and funds available for investment
- Address financial issues and inquiries from internal and external customers
- Maintain banking relationship
- Ensure company's assets are fully insured
- Calculate assembly fee to ensure the business would have adequate margins

Projects

Fake News Identifier

Jakarta, Indonesia

DATA SCIENTIST AND DEVELOPER

Jun 2022

- Notebook
- Web-app
- My milestone project during my time at Hacktiv8 FTDS Bootcamp
- This project was done to practice NLP classification using neural network machine learning model
- Tools used: Tensorflow, Keras, NumPy, Pandas, Seaborn, Streamlit, Flask, Heroku

Sticky Customers Operation

Jakarta, Indonesia

DATA SCIENTIST AND DEVELOPER

Jun 2022

- Notebook
- Web-app
- My milestone project during my time at Hacktiv8 FTDS Bootcamp
- This project was done to practice neural network machine learning model
- Tools used: Tensorflow, Keras, NumPy, Pandas, Seaborn, Streamlit, Flask, Heroku

Den Den Mushi Campaign

Jakarta, Indonesia

DATA SCIENTIST AND DEVELOPER

Jun 2022

- Notebook
- Web-app
- My milestone project during my time at Hacktiv8 FTDS Bootcamp
- This project was done to practice supervised machine learning model
- Tools used: Scikit-learn, NumPy, Pandas, Seaborn, Streamlit, Flask, Heroku

The Look Commerce Report

Jakarta, Indonesia

DATA SCIENTIST

Jun 2022

- Google Data Studio
- My project during my time at Revou Mini Course – Intro to Data Analytics
- This project was done to practice SQL BigQuery and Google Data Studio
- Tools used: SQL, Google Data Studio, GCP BigQuery

Supermarket Sales Analysis

Jakarta, Indonesia

DATA SCIENTIST AND DEVELOPER

Apr 2022

- Notebook
- Web-app
- My first milestone project during my time at Hacktiv8 FTDS Bootcamp
- This project was done to practice exploratory data analysis (EDA), visualization and statistical tests.
- Tools used: NumPy, Pandas, Seaborn, Plotly Streamlit, Heroku

Writing

Quantitative Finance is Now for Everybody

Medium.com

Co-Author

Jun 2022

- An article on medium.com

Simple Trading Simple Investing

Indonesia

Co-Author

Feb 2021

- A book about trading and investing
- Goodreads