

# Nikki Satmaka

DATA SCIENTIST · QUANTITATIVE INVESTMENT ANALYST

Jakarta, Indonesia

☎ (+62) 878-8478-5577 | ✉ NikkiSatmaka@gmail.com | 📱 NikkiSatmaka | 🌐 NikkiSatmaka | 📧 NikkiSatmaka | 📧 NikkiSatmaka

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

## Summary

Financial market professional with experience in stocks, forex, futures, and options markets. Incorporate the use of Python as data analysis tools to find an edge. Passionate in business, data, and investment. I am eager to learn and improve to bring more value to the team.

## Education

### Hacktiv8

Jakarta, Indonesia

FULLTIME DATA SCIENCE BOOT CAMP

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, Scikit-learn, Tensorflow, Keras

**DevOps** Docker

**Back-end** Flask

**Database** SQL, Google Cloud Platform BigQuery

**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 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

FINANCE SUPERVISOR

Jakarta, Indonesia

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

## Gama Plantation

TREASURY STAFF

Jakarta, Indonesia

Jan 2016 - Dec 2016

- Create daily and quarterly market insights report
- Execute currency exchange trades
- Predict how the markets would move
- Monitor hedge positions
- Create and update Mark-to-Market report

## Allianz Life Indonesia

BUSINESS EXECUTIVE

Jakarta, Indonesia

Jan 2015 - Dec 2015

- Develop a database by using referrals, occupational, and communities to compile lists of prospects.
- Approach potential clients by utilizing emails, phone calls, and prospecting tools
- Identify clients' specific needs and financial situation by means of fact-finding appointments
- Develop a personalized protection plan based on clients' needs

## PwC Indonesia

RISK ASSURANCE SERVICES - VOCATIONAL EMPLOYEE

Jakarta, Indonesia

Dec 2014 - Jan 2015

- Perform CAATs using audit software such as ACL (Audit Command Language) and Microsoft Excel
- Ensure the system-generated General Ledger balance has the same amount as the manually calculated one
- Check the journal records to see if there are any unusual entries based on the criteria provided by the Financial Audit team

# Projects

---

## Fake News Identifier

DATA SCIENTIST AND DEVELOPER

Jakarta, Indonesia

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

DATA SCIENTIST AND DEVELOPER

Jakarta, Indonesia

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

DATA SCIENTIST AND DEVELOPER

Jakarta, Indonesia

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

DATA SCIENTIST

Jakarta, Indonesia

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

DATA SCIENTIST AND DEVELOPER

*Jakarta, Indonesia*

*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

Co-AUTHOR

*Medium.com*

*Jun 2022*

- An article on medium.com

### Simple Trading Simple Investing

Co-AUTHOR

*Indonesia*

*Feb 2021*

- A book about trading and investing
- Goodreads