# 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."*

## Summary

Data and Financial market professional with experience in investment and business. 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 (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 - Sep 2022*

- 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
BUSINESS DEVELOPMENT

_Jakarta, Indonesia_

_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

# 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

# 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