

NAUFAL NASHIF IMANUDDIN

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[Website](#) | [LinkedIn](#) | [Github](#) | [Leetcode](#) | [Tableau Public](#)

SUMMARY

A certified PCAP-31-03 Associate Python Programmer and Data Enthusiast with a degree in Statistics and Data Science from IPB University. Currently working as a Data Generalist at OJK, with 2 years of experience across data engineering, analytics, cloud, and AI/ML. Skilled in Python, SQL, Tableau, GCP, Docker, and more—transforming data into clear, impactful insights through smart pipelines, automation, and visual storytelling.

EDUCATION

IPB University

Bachelor's Degree in Statistics and Data Science (2019 - 2023)

I recently completed my bachelor's degree, focusing on Twitter sentiment analysis. I developed a specialized Natural Language Processing (NLP) model for this purpose and implemented it in a web application.

PROJECT

AI Automation Agent with n8n and Telegram

[Demo](#)

Tools : n8n, telegram bot, api, javascript, ocr, speech-to-text

- Built an AI Agent with n8n and Telegram Bot to handle text, voice, and image inputs, enhanced with OCR and content analysis.
- Automated workflows such as Google search, email handling, and Google Sheets updates, improving productivity through real-time AI integration.

Superstore Dashboard Analysis

[Demo](#)

Tools : Tableau, Figma

- Implemented descriptive analytics, forecasting, market basket analysis, and customer retention analysis.
- Designed the dashboard to be user-friendly using Figma and visually engaging for exploratory data analysis.

Real-Time Video Analytics with YOLOv8

[Demo](#)

Tools : Python, Roboflow, Ultralytics, Supervision, Streamlit, OpenCV

- Built a real-time object detection system using YOLOv8, with video processing via OpenCV and dataset annotation through Roboflow.
- Integrated Ultralytics and Supervision libraries, deploying the prototype in an interactive Streamlit interface.

Web Scraping & Sentiment Analysis with IndoBERT

[Demo](#)

Tools : Python, Streamlit, FastAPI, Transformers

- Created a full-stack web app to scrape playstore, classifying sentiment with a fine-tuned IndoBERT model.
- Developed backend (FastAPI) and frontend (Streamlit) with an interactive dashboard.

EXPERIENCE

Financial Services Authority (OJK)

Research Fellow – Data Generalist (May 2025 - Now)

- Led cross-unit projects under PMO Information System Workstream, redesigned OJK Dashboards (Finance, HR, Audit, Logistics) with Figma & Tableau, and built data profiling dashboards (Python ETL, PostgreSQL) to support Data Klinik.
- Developed AI solutions including a multilingual speech-to-text app using Python & Streamlit.

PT Cybertrend Intrabuana - Cybertrend Graduate Trainee

Tableau Developer, Data Management & Integration Associate Consultant (March 2024 - April 2025)

- PT Timah Tbk & Lintasarta (Aug 2024 – Apr 2025) – Developed ETL pipelines/Datamarts (Talend, Pentaho, SQL, Oracle DB), automated scheduling, and built Tableau dashboards for production, drilling, procurement, and financial management.
- PT Telkomsel Tbk (Jun 2024 – Sep 2024) – Designed IoT Data Usage Monitoring dashboards in Tableau for 13 clients, analyzing 10M+ nationwide data points.

CERTIFICATION

PCAP-31-03 Associate Python Programmer

[CERT](#)

Python Institute (Issued on November 22, 2024)