Nik Adam Raphael Bin Ismaariff

✉ nikadamraphael@gmail.com   📞 +60174132500

🔗 linkedin.com/in/nik-adam-raphael-502684223

Profile

I am a Bachelor's graduate in Information Systems (Hons) Intelligent System Engineering, seeking a data-driven role. Skilled in Python, R, SQL, Power BI, and libraries like Pandas, NumPy, and TensorFlow, I specialize in machine learning, data analytics, and NLP. Currently, I am developing a chatbot to expand my expertise in NLP and conversational AI. Fluent in Malay and English, I am eager to apply my skills to solve problems and drive innovation.

Professional Experience

PETRONAS   Sep 2024 – Jan 2025
Data Accelerator Intern (corporate)   Kuala Lumpur

Developed three Power BI dashboards for different sectors:

Development
- Designed and built the dashboard from scratch.
- Integrated data from SharePoint and created visuals for monthly and yearly data analysis.
- Automated data export using Power Automate.

Malaysia Asset
- Designed the dashboard and cleaned data from SharePoint.
- Added custom slicers for year, month, and category using DAX.
- Focused on tracking production related issues.

International Asset
- Redesigned the main dashboard page for improved usability.
- Created a new inventory page with enhanced features.
- Added flag-based slicers and a search bar to improve navigation and filtering.
- Streamlined the dashboard to optimize inventory management workflows.

TNI Food online retail shop   2024
Data Analyst for TikTok Sales   Shah alam, Malaysia

- Used Excel and Python's Pandas library for data cleaning tasks.
- Developed a simple data cleaning tool to improve data selection and analytics.
- Extracted relevant insights and trends from the TikTok Order and Income dataset.
- Created a sales analysis dashboard using the Streamlit library.

TNI Food online retail shop 2024
Web developer Shah alam, Malaysia
- Designed and managed the TNI Food website to enhance online presence and brand visibility.
- Utilized HTML, CSS, JavaScript, and other web technologies to create responsive and user-friendly web pages.

Education

UiTM Shah Alam 2021 – present
Bachelor of information Systems (HONS.) Intelligent Systems Engineering. Shah Alam, Malaysia
- CGPA : 3.54
- 5 Dean's list award

UiTM Dengkil Foundation 2021
Science Dengkil, Malaysia
- CGPA : 3.78
- 1 Deans's list award

SMK Kota Kemuning 2019
Science Stream Kota Kemuning, Malaysia

Skills

- Python
- Bootstrap 5
- C++
- Machine Learning
- Power Automate
- Flask
- Natural Language Processing
- Php
- PyQt
- PowerBi
- Java

Expertise

Data Mining — Intermediate in RapidMiner, SQL, and MySQL for data processing and analysis. | Intermediate in python pandas library for data cleaning

Data Visualization — Utilizing Microsoft Power BI for creating dashboards. | Visualizing data using python plotly and streamlit library

Machine Learning — Intermediate in machine learning for data analysis, pattern recognition, predictive modeling, object detection, and NLP.

Programming and Web Design — Intermediate skills in Python, R, and Bootstrap 5, basic knowledge in C++ and Java, and amateur web design skills with PHP.

Image and Video Editing — Intermediate in photo editing and possess basic video editing skills.

Certificates

- Machine Learning A-Z 🔗
- Introduction to Internet of Things 🔗
- Python Bootcamp 🔗
- Oracle Database Design 🔗
- Oracle Database Programming with sql 🔗

Projects

Suspicious Object and Human Detection using ML   2023 – 2024
- Developed and augmented custom image datasets.
- Trained and evaluated a YOLOv8 model using the custom dataset.
- Integrated the top-performing model into a Streamlit application for real-time detection of suspicious objects and humans.

Sentiment Analysis on the reviews of Top Three Movies in IMDb
- Scraped data from IMDb.
- Cleaned and preprocessed the data using RapidMiner.
- Performed sentiment analysis using machine learning techniques.

Data Analysis Dashboard on The World Happiness Report
- Created a visually appealing dashboard using Power BI.
- Utilized DAX syntax to filter data and generate relevant charts.

Data Cleaning Tool
- Developed a data cleaning application using the Streamlit framework with specific features.

Sports

Taekwondo   2019 – present
- Black belt 1st Dan
- 2019 Bronze medalist in highschool state sparring competition

Hobby

Playing electric & acoustic guitar | Listening to music | Coding | Calisthenics | Boxing |
Skateboarding | Tennis | Badminton

References

Rosana Safian, *DA Corporate Manager,* PETRONAS
rosana.safia@petronas.com

Mr Mohd Razif Bin Shamsuddin, *Lecturer & Academic Supervisor,* UiTM Shah Alam
razif@tmsk.uitm.edu.my