

# KURRATA AINI

+6283183204934 | [kurrataaini1410@gmail.com](mailto:kurrataaini1410@gmail.com) | [LinkedIn](#) | Batam, Kepulauan Riau

Fresh graduate with a Bachelor's Degree in Informatics Engineering, specializing in Data Science, including data analysis, machine learning, and predictive modeling. Proficient in Python, SQL, and Power BI for data analytics, with experience in Linux OS. Strong problem-solving, analytical, and time management skills, with the ability to work independently and collaboratively. Eager to apply data-driven insights in dynamic environments.

## Education

**Maritim Raja Ali Haji University – Tanjungpinang, Indonesia**

(August 2020 - March 2025)

Bachelor of Engineering, GPA 3.49/4.00

Informatics Engineering

- Participated in the Kampus Merdeka program, including the Artificial Intelligence Mastery Program, RedHat System Administration, and IBM AI & Cybersecurity.
- Participated in the Kampus Merdeka program BRIN, including the Machine Learning, Python for Data Science, Data Mining.
- Thesis: "Development of a Convolutional Neural Network (CNN) Model for Fish Freshness Classification Based on Image Analysis"

## Work Experiences

**PT. Kinema Systrans Multimedia (Infinite Learning) – Batam, Indonesia**

(August 2023 – Januari 2024)

Contract – Instructor of IBM Academy for Hybrid Cloud & AI

- Mentored 20 mentees in the Red Hat Certified System Administrator (RHCSA) Independent Study Program at Kampus Merdeka.
- Guided mentees in developing a Capstone Project in Cybersecurity using IBM Security Verify.
- Provided hands-on training on Red Hat Enterprise Linux (RHEL) fundamentals and operations.
- Prepared mentees for the EX200 certification exam to achieve RHCSA certification.

## Skills & Other Experience

- **Soft Skills**  
Analytical Thinking, Problem-Solving, Attention to Detail, Time Management, Communication, Adaptability, Teamwork, Self-Learning, Collaboration.
- **Hard Skills**  
Microsoft Office, Data Analytics, Data Processing, Data Visualization (Power BI, Matplotlib, Seaborn), Machine Learning, Data Mining, SQL, Python (Pandas, NumPy, Scikit-Learn), Linux System Administration.

## Projects

- **Capstone Project – IBM CLOUD AI**  
Developed a chatbot leveraging IBM Cloud AI services, implementing natural language processing (NLP) to enhance user interactions and automate responses.
- **Research – MBKM BRIN**  
Conducted research on potential drug candidates for COVID-19 using machine learning techniques, applying data preprocessing, feature selection, and predictive modeling to analyze pharmaceutical datasets.

## Internship

- **Hybrid Cloud & AI – Redhat (Infinite Learning)** (Feb 2023 – July 2023)  
Gained hands-on experience in integrating Hybrid Cloud and AI technologies to enhance IT infrastructure efficiency and automation. Utilized Red Hat OpenShift for seamless hybrid cloud orchestration and applied AI to optimize operational workflows and system performance.
- **BRIN – Machine Learning** (Sep 2022 – February 2023)  
Conducted research on drug candidate identification for COVID-19 using K-Means Clustering for data analysis. Collaborated with researchers to evaluate and refine machine learning models, improving prediction accuracy and analytical insights.