AHMAD RIZAL BAYHAQI

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West Jakarta, Indonesia

Data Analyst skilled in turning data into clear and useful information. Experienced in SPSS, Minitab, Excel, R, and Python. Focused on creating data visualizations that are easy to understand, analyzing education data to improve learning results, and helping SMEs use ERP systems to work more efficiently. Passionate about making data easy to use so people can make better decisions and take action.

Education Level

Institut Teknologi Sepuluh Nopember - **Surabaya, Indonesia**   Sep 2020 - Aug 2024

Bachelor of Applied Bachelor of Business Statistics, 3.07/4.00

- Handling research in machine learning, emphasizing image and text recognition, while developing and improving models for classification applications and natural language processing.
- Learn about statistical tools, business forecasting, econometric modeling, market research, social statistics, business managements, big data manajement, data communication and visualization.
- Experienced and extensively trained in contributing to real solutions, leveraging vocational expertise in the practical applications of statistics and management.

Work Experiences

PT Wira Cipta Perkasa - **South Jakarta, Indonesia**   Oct 2024 - Present

Data Analyst Internship

PT Wira Cipta Perkasa (WCP) is an Indonesian company specializing in providing high-quality engineering, procurement, and fabrication services to the oil and gas industry, including wellhead control panels, pressure vessels, subsea equipment, and ensuring safety and reliability in all operations

- Built and customized an interactive finance dashboard for 2024–2025 Balance Sheet and Profit–Loss reports, incorporating five key financial ratios (performance, solvency, liquidity, profitability, efficiency) tailored to bank requirements, with automated Chart of Accounts updates via Power Query.
- Monitored financial performance across three business units—Manpower, EPC, and Compressor Rental—providing both drill-down and aggregate Profit–Loss views to support strategic decision-making.
- Developed a Budgeting vs Cash Flow dashboard to compare planned and actual figures, enhancing financial control and forecasting accuracy.
- Currently designing upgraded reporting for PGE Cluster IV, converting outdated non-CoA monthly reports into CoA-based weekly dashboards and modernized financial forms to improve accuracy and timeliness in budget control.

PT Japfa Comfeed Indonesia Tbk. - **Makassar, Indonesia**   May 2024 - Jul 2024

Data Analyst Internship

PT. Japfa Comfeed Indonesia is a leading agribusiness specializing in high-quality animal feed and livestock products. Committed to advancing livestock industry growth in Indonesia, the company enhances operational efficiency and decision-making through SAP technology.

- Successfully enhanced operational efficiency and communication at PT JCI in Sulawesi through the development of an interactive
- Excel dashboard, creation of accessible infographics, and evaluation of procurement processes.
- Developed an interactive Excel dashboard to automate the analysis of vehicle operational costs at PT JCI in Sulawesi in 2023, featuring comprehensive analysis for each unit of the 12 units (farm and hatchery) and vehicles.
- Created infographics for the performance of two types of products from the breeding division, DOC (Day-Old Chicks) for broilers and layers, making the information more accessible to the general public.
- Evaluated the procurement process of sanitation shampoo at the Poultry Breeding Unit of PT JCI in Makassar, demonstrating that the
- Economic Order Quantity (EOQ) method offers a 60% cost efficiency in procurement and stability in the reorder point

Gama Petshop and Clinic - **Surabaya, Indonesia**   Oct 2022 - Dec 2022

Consultan Management Quality Internship

Gama Petshop and Clinic is offering a wide range of pet supplies and professional services, including health check-ups, grooming, and various other pet care services for your beloved companions.

- Successfully improved operational efficiency and standardization at Gama Petshop and Clinic by enhancing 5S/5R culture, developing key operational documents, and optimizing workflow procedures.
- Enhanced the implementation of the 5S/5R culture at Gama Petshop and Clinic and developed a 5R quality document to ensure consistency and adherence to 5R practices.
- Prepared a work instruction document with 4 KPIs and a risk identification and assessment document to improve operational efficiency and risk management.
- Created a quality plan document outlining 4 workflow steps to optimize and standardize procedures.

Organisational Experience

UKM Rebana ITS - Surabaya, Indonesia   Jan 2021 - Jan 2022
Vice of Department Media Kreatif
UKM Rebana ITS is one of the UKM at ITS which operates in the field of arts (Banjari)

- Organized a design training session for 27 participants from 9 departments at UKM Rebana, focusing on effective communication of departmental activities on social media.
- Assisted the Head of the Creative Media Department in tracking the achievements of 3 work programs and 3 agendas.
- Managed scheduling of agendas and communication of publication requests from 9 departments at UKM Rebana.

Seminar And Creative Data Competition 2022 - Surabaya, Indonesia   Jan 2022 - Nov 2022
Committee
"SINCOMP" is a event held by ITS Business Statistics at national level targeting Bachelor/Diploma students in Indonesia. SINCOMP has two types of competitions, namely an infographic competition and an essay competition as well as one type of webinar activity with the theme "Utilization of Data for Sustainable Development Goals".

- Served as a member of the Public Documentation and Decoration (PDD) team, contributing to the visual representation of the event's values.
- Designed a committee uniform, ensuring cohesive and professional branding for the team members.
- Collaborated with cross-functional teams to effectively communicate and coordinate design plans.

Pelatihan Spiritual dan Kebangsaan (PSB) - Surabaya, Indonesia   Aug 2021
Committee
The PSB program is an initiative designed to equip new students with spiritual insight, national identity, and intellectual intelligence. As part of this program, ITS organizes a series of events and activities for all incoming students, fostering a well-rounded foundation for their academic journey.

- Actively served as a documenter for PSB activities on Instagram Stories.
- Designed a visually appealing Instagram Story to effectively highlight key moments and events.
- Captured 3 significant moments during the PSB program to enhance engagement on the Instagram Stories platform.

Skills, Achievements & Other Experience

- **Projects** # (2022): Image prediction of Rock, Paper, Scissors hand gestures using Machine Learning on Dicoding.
- **Projects** # (2024): Application of Multimodel Deep Learning in Detecting Hoax News on Turnbackhoax.id Website Using CNN Architecture (Final Project).
- **Projects** # (2024): Dashboard for Operational Vehicle Costs - PT Japfa Region Sulawesi.
- **Projects** # (2025): Balance Sheet and Profit & Loss Dashboard – PT Wira Cipta Perkasa.
- **Projects** # (2025): Finance Monitoring & Control Dashboard for AR | AP | CF | Budget– PT Wira Cipta Perkasa.
- **Modules Taken** #: Python Language on Dicoding with 100% Score Completion
- **Modules Taken** #: Fundamental of Quality Manajemen System 5R and ISO 9001:2015
- **Modules Taken** #: Structured Query Language (SQL) on Dicoding with 100% Score Completion
- **Modules Taken** #: Data Visualization on Dicoding with 100% Score Completion
- **Modules Taken** #: Data Science on Dicoding with 100% Score Completion
- **Soft Skills**: Stress Management, Attention to Detail, Problem Solving
- **Hard Skills**: MS Office, Minitab, SPSS, Python, R, TensorFlow, SQL, Pivot Table, and VBA.
- **Interest**: Monitoring and Control, Automation, Machine Learning, Data Visualization, and Storytelling