



AHMAD RIZAL BAYHAQI

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Surabaya, Jawa Timur, Indonesia

I'm passionate about data analysis and problem-solving. Proficient in SPSS, Minitab, Excel, R, and Python, I'm eager to expand my skills in big data, machine learning, and data visualization. I'm interested in using technology like IoT for automation and improving decision-making through data. I'm actively exploring opportunities to apply my skills in real-world settings.

Education Level

Institut Teknologi Sepuluh Nopember - Surabaya, Indonesia

Sep 2020 - Aug 2024

Bachelor Degree in 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 Japfa Comfeed Indonesia Tbk. - Makassar, Indonesia

May 2024 - Jul 2024

Data Analyst Internship

PT. Japfa Comfeed Indonesia is a leading player in the agribusiness sector, specializing in the production of high-quality animal feed and livestock products. The company is deeply committed to enhancing the quality of livestock feed and making a positive impact on the growth of the livestock industry in Indonesia. By implementing SAP (Systems, Applications, and Products in Data Processing) technology, Japfa Comfeed Indonesia has improved its operational efficiency and decision-making 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.

- 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).
- **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, Photoshop
- **Interest**: Monitoring and Control, Automation, Machine Learning, Technology, Data Visualization, and Storytelling