

ANDI DWI PRASTYO

087865470209 | andidprastyo@gmail.com | [linkedin.com/in/andidprastyo/](https://www.linkedin.com/in/andidprastyo/) | github.com/andidprastyo

Detail-oriented and passionate IT undergraduate student with a high GPA of 3.63 from the State Polytechnic of Malang. Proficient in data science, machine learning, web development, and database management. Strong ability to analyze complex datasets and deliver data-driven solutions. Adept at transforming data into actionable insights to support strategic decision-making.

Education Level

State Polytechnic of Malang - Malang, Jawa Timur <i>Bachelor Degree in Applied Computer, 3.63/4.00</i> <ul style="list-style-type: none">Relevant Course: Database Management, Computational Statistics, Machine Learning, Business Intelligence, & Web Development.	Aug 2021 - Present
--	--------------------

Work Experiences

Kementerian Keuangan RI x Kampus Merdeka - Jakarta Pusat, DKI Jakarta <i>Data/Software Engineer - Internship</i> <ul style="list-style-type: none">Developed a legal analytics page on the Jaringan Dokumen dan Informasi Hukum (JDIH) website for Kemenkeu RI, improving data retrieval speed by 40%.Provided analytical insights into 500+ laws and regulations, supporting daily decision-making for over 1,000 users.Enhanced the strategic decision-making process for the Law Bureau by transforming complex legal data into accessible information, reducing analysis time by 30%.	Feb 2024 – Jun 2024 (Expected)
---	--------------------------------

Project Experiences

Metro Bites: Vending Machine Sales Report <i>Data Analyst.</i> <ul style="list-style-type: none">Implement a dashboard system to enhance decision-making efficiency by 20%, providing real-time sales data access.Conducted customer segmentation analysis, leading to targeted marketing campaigns and a 15% increase in customer retention.Leveraged detailed reports to potentially increase market penetration by 10-12% by pinpointing expansion opportunities.	Dec 2023 – Jan 2024
Telco Store Customer Segmentation Analysis <i>Data Scientist</i> <ul style="list-style-type: none">Reduced customer churn rates by 15% through effective segmentation and predictive modeling.Conducted customer segmentation analysis, leading to targeted marketing campaigns and a 15% increase in customer retention.Increased customer retention by 30% via targeted discounts, demonstrating the effectiveness of personalized marketing campaigns derived from segmentation insights.	Oct 2023 – Nov 2023
Yogyakarta Air Quality Analysis <i>Data Scientist</i> <ul style="list-style-type: none">Utilized SVR to analyze Yogyakarta's air quality, resulting in highly accurate predictions with strong model performance at 92%, showcasing expertise in machine learning and data analysis.Delivered actionable insights to local environmental authorities, contributing to a 15% improvement in air quality management strategies.	Jun 2023 - Aug 2023
Super Store Sales and Profit Analysis <i>Data Analyst</i> <ul style="list-style-type: none">Visualized sales data, revealing a 40% increase in revenue growth compared to the previous quarter.Analyzed profit margins, identifying high-profit segments and suggesting optimizations that improved profitability by 12%.Conducted customer segmentation analysis, leading to targeted marketing campaigns and a 15% increase in customer retention.	Mar 2023 - Jun 2023

Organizational Experience

EEPROM Polinema - Malang, Jawa Timur <i>General Secretary</i> <ul style="list-style-type: none">Led and inspired a dynamic team of 48 people, resulting in a 25% increase in community engagement.Fostered a collaborative environment for robotics enthusiast, resulting in the creations of over 10 new robotics projects.Managed and oversaw 6 key operational initiatives, improving project completion rates by 20%.	Apr 2023 - Mar 2024
---	---------------------

Skills & Certifications

<ul style="list-style-type: none">Certification (2024): JPMorgan Chase & Co. – Quantitative Research Job Simulation, Link.Certification (2023): dicoding – Belajar Analisis Data menggunakan Python, Link.Certification (2023): dicoding – Belajar Dasar Data Science, Link.Hard Skills: Intermediate skills in web development using Next JS, Tailwind CSS, OpenSearch, and Prisma tech stack.Hard Skills: Intermediate skills Python programming language for Data Science and Machine Learning application.Hard Skills: Intermediate skills in query language for database management such as MySQL, Microsoft SQL Server, and NoSQL.	
---	--