

ALVINUS CARDOVA

Data Scientist

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Summary

As a driven and self-assured recent graduate, I have a strong passion for leveraging data to impact critical decision-making processes. My academic endeavors and hands-on research experiences have honed my analytical and technical skills, enabling me to tackle real-world problems with both creativity and precision. I am eager to collaborate with dynamic teams and contribute to the development of innovative, data-centric solutions. With a solid foundation in Python, SQL, and R, I specialize in data analysis, machine learning, and statistical methodologies. I have a proven track record of delivering actionable insights through predictive modeling and data visualization. Dedicated to improving systems and learning experiences through technology-driven initiatives, I bring strong problem-solving and project management skills to the table.

Skill

Technical Skills:

Programming: Python, R, SQL, JavaScript, XML
Artificial Intelligence (AI): Deep Learning, NLP, Computer Vision, Machine Learning
Statistical Analysis: Hypothesis Testing, A/B Testing, Regression Analysis, Statistical Packages(SAS)
Data Visualization Tools: Tableau, Power BI, Business Objects
Database Management: PostgreSQL, MySQL, NoSQL (MongoDB, Cassandra)
Cloud Computing: AWS (S3, Lambda, Redshift), Azure (Data Factory)

Soft Skills:

Effective Communication
Team Collaboration
Project Management
Problem Solving
Analytical Thinking
Time Management

Work Experience

IT Support Yogyakarta University of Technology	Yogyakarta 2022 - 2023
<ul style="list-style-type: none">• Provided technical assistance and support for hardware, software, and network-related issues.• Maintained and upgraded systems to ensure optimal performance and security.• Assisted in deploying and configuring new hardware and software across departments.• Conducted training sessions for staff to improve IT literacy and efficiency.	
Research(Flower Vulture Team) - Analysis of Public Sentiment on Social Media Twitter Toward Gibran Rakabuming as a 2024 Vice Presidential Candidate	Yogyakarta 2023
<ul style="list-style-type: none">• Used the SVM algorithm to achieve 96% precision for negative sentiment classification.• Analyzed 79 true negative responses out of 88, highlighting predominant negative sentiment trends.• Delivered actionable insights for strategic communication planning for political campaigns.• Benchmarked findings against previous studies, surpassing prior accuracy metrics from Naïve Bayes models.	
Freelance Data Scientist Upwork	Yogyakarta 2024 - Present
<ul style="list-style-type: none">• Delivered tailored data solutions for clients, including predictive modeling and data visualizations.• Consulted on data-driven strategies to optimize business outcomes.• Analyzed large datasets to identify trends, insights, and actionable recommendations for client decision-making.	

Project

- Research published - Implementation of LSTM Method to Classify Fake News on PolitiFact
- Chase Bank Branch Performance and Efficiency Analysis
- Dynamic Pricing Model for E-commerce Platforms
- Sentiment Analysis for Customer Feedback and Product Reviews
- Fraud Detection System for Online Transactions
- Inventory Optimization Using Demand Forecasting

Education

Yogyakarta University of Technology Bachelor of Computer Science	Yogyakarta 2020 - 2025
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Certification

- IBM Data Science Orientation
- Great Learning: Building Recommendation Systems
- Hackerrank SQL (Intermediate) Skills Certification Test
- RapidMiner: Data Engineering Professional Certification

Language

- Bahasa Indonesia: Native
- English: Advanced Proficiency