

Rizaldy AI Kautsar Utomo

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EDUCATION

Carnegie Mellon University, Heinz College, Pittsburgh, PA, USA **Expected May 2027**
Master of Science in Public Policy & Management - Data Analytics
Concentration in Artificial Intelligence Management
Coursework: Generative AI Lab, Machine Learning for Public Policy, Responsible AI

Institut Teknologi Bandung (ITB), Bandung, Indonesia **August 2014 – July 2018**
Bachelor of Science in Information Systems & Technology
Coursework: Probability & Statistics, Enterprise Architecture, Database Modelling

SKILLS & CERTIFICATIONS

Programming: Python, SQL, PySpark, HTML, JavaScript
Databases: Hadoop (Cloudera Data Platform), PostgreSQL, MySQL, MongoDB
Data Visualization: Tableau, PowerBI, Looker, Python Libraries (Plotly, Seaborn, Matplotlib), Streamlit
Certifications: Generative AI - Google Cloud (2024), Amazon Web Services Technical Essentials (2018)

WORK EXPERIENCE

Telkomsel (PT Telekomunikasi Selular), Jakarta, Indonesia **March 2020 – July 2025**
Data Scientist II

- **Machine Learning:** Deployed econometric models for Telco Service Loan (Telkomsel Emergency Package); achieved 6% revenue increase; contributed to all time high revenue; developed an e-commerce install predictor with telco features using CatBoost, yielding 2.5x lift over random
- **Leadership:** Led data engineers to transform the Mobility Data Pipeline from a yearly to a monthly run, reducing delivery time from 4 days to 16 hours; led a multinational Singtel Group team to win Action for Change 2024 by building EcoFlow

Associate Data Strategist (Management Trainee) **August 2018 – February 2020**

- **Market Research:** Built the data team for a new business line, Consultative Insight, focusing on aggregated data monetization for ride-hailing clients, generating USD 11M in annual revenue
- **Analytics Segmentation:** Transformed programmatic advertising with advanced telco customer segmentation using browsing interest data; developed data features aligned with international standards (51 Interest Segment)

PROJECT PORTOFOLIO

BukuGambar.AI – Personal Project: bukugambar.ai **April 2025 – Now**
Crafted a web app that transforms text or photos into coloring-page outlines using the OpenAI API, inspired by playtime with my toddler

EcoFlow – Founder & Team Lead: ecoflow.id **August 2024 – July 2025**
Built EcoFlow, a geospatial-data venture: an AI-powered assistant that uses telco data to design crowd-aware itineraries, funded by the Telkomsel Innovation Incubator

tSurvey – Research & Insight: tsurvey.id **March 2022 – December 2023**
Established an audience-sizing engine and stratified sampling for survey data from 158M respondents using advanced statistical modeling and engineered a robust data pipeline from offline, image-based surveys into an AWS OCR pipeline, bridging offline data collection with analytics

SELECTED AWARDS

1st Place, Prompt-a-Thon, agentic AI ideation for corporate (Microsoft Indonesia) **2025**
LPDP Scholarship Awardee, full-ride scholarship to pursue master's degree (Indonesian Endowment Fund) **2024**
1st Place, AWS PRFAQ Challenge, company-wide innovation workshop (Amazon and Telkomsel) **2023**
Ganesha Karsa, highest university distinction for multiple competition wins (Institut Teknologi Bandung) **2018**