

# BILIARTO SASTRO CEMERSON

Depok, Kabupaten Sleman, Daerah Istimewa Yogyakarta

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**Data Entusiast** with a solid background in **statistics**, strong analytical thinking, and hands-on experience in **data exploration**, **predictive modeling**, and **data visualization** using **Python**, **R**, and **SQL**. Skilled in transforming raw datasets into meaningful insights and building models that support decision-making. Proven success in academic research, healthcare analytics, and national-level data science competitions.

## EDUCATION

**Bachelor of Science in Statistics** | Yogyakarta State University

2021 – 2025

- GPA, 3.65/4.00 ([credits](#))
- Actively led and contributed to multiple data analysis projects and competitions.

## EXPERIENCE

**Data Annotator & AI Reviewer**

**Simplifa.AI** | Yogyakarta, Indonesia

Aug 2025 – Present

- Validate **1.000+ pages** bank mutation data extraction from **20+** different bank formats with **99% accuracy**.
- Labeling **5.000+** financial data using Argila and Huggingface for AI training optimization.

**Data Scientist (Undergraduate Student Intern)**

**Rumah Sakit Pratama Kota Yogyakarta** | Yogyakarta, Indonesia

Jul – Aug 2023

- Analyzed medical records of **500+** COVID-19 patients (2020–2023), uncovering symptom patterns and risk factors.
- Built classification models (Binary Logistic Regression) to predict COVID-19 severity, improving understanding of clinical risk (Accuracy up to **60%**).

## CERTIFICATION

Databases and SQL for Data Science with Python – IBM ([cert](#))

Jun 2025

SQL for Data Science – University of California, Davis ([cert](#))

Apr 2025

Deep Learning Spezalization - DeepLearning.AI ([cert](#))

Feb 2025

## PROJECT

NLP-Based Analysis of Public Perception on Dedi Mulyadi ([link](#))

Jan – Apr 2023

Cryptocurrency Price Forecasting using Hybrid Deep Learning ([link](#))

Jan – Apr 2023

Web App Development for Non-Communicable Disease Prediction ([link](#))

Oct – Dec 2024

Social Network Analysis (SNA) of the 2024 Presidential Campaign ([link](#))

Jun – Aug 2024

Personal Data Detection using Convolutional Neural Network ([link](#))

Oct – Dec 2023

Covid-19 Analysis using Binary Logistic Regression ([link](#))

Jul – Aug 2023

## HONORS AND AWARDS

2nd Winner - DATAVERS ANAVA UGM 2025 ([cert](#))

Jan – Feb 2025

Top 10 Paper - International Paper Competition (IPC) by SEA 2024 ([cert](#))

Oct – Nov 2024

Finalist (Top 12) - Big Data Challenge (BDC) Satria Data 2024 ([cert](#))

Jun – Aug 2024

3rd Winner - Olimpiade Nasional Statistika (ONS) ANAVA UGM 2024 ([cert](#))

Jan – Feb 2024

Finalist (Top 5) - Turnamen Sains Data Nasional (TSDN) 2023 ([cert](#))

Oct – Dec 2023

**SKILLS:** Python, R, SQL, Statistical Data Analysis, Machine Learning, Deep Learning, Natural Language Processing, AWS

**TOOLS:** VSCode, Git, Github, DBeaver, Scikit-learn, TensorFlow, PyTorch, NLTK, LangChain, Streamlit, S3, Glue ETL

**LANGUAGE:** Indonesian (Native), English (Intermediate)