**Joko Eliyanto**

**Data Scientist – Data Science Instructor**

Data Scientist with two years of experience, including profound expertise and experience in building dashboard analytics using Tableau, an expert in SQL databases query, proficient in Python and R scripting, skilled in Statistical Methods & Machine Learning Algorithm, experience in building Machine Learning & Deep Learning Models and have a strong background in Mathematics and Education.

**WORK EXPERIENCE**

Ruang Guru

**Instructor of Data, Business Analytics & Operations CAMP**

Remote | February 2022 – July 2022

* Teaching material related to digital product analytics, data analytics for businesses, data analytics with python, data and visualization with Tableau and SQL for analytics
* Evaluating student learning outcomes in the form of coursework and final project

My Skill

**Mentor of Intensive Bootcamp Data Science**

Remote | May 2022 – June 2022

* Answering student questions about the material in the program.
* Reviewing student exercises and final projects
* Provide feedback on each student's individual final project

Teman Data Analitika

**Data Scientist**

Remote | August 2021 – Present

* Develop and manage analytics dashboards for hospital data using Tableau
* Work on Data Analysis using python library(pandas & NumPy) and generate data visualizations using python Matplotlib to get useful insights
* Works on multiple databases with more than 2 million rows using PostgreSQL

Pusat Studi Data Science UAD

**Instructor & Researcher**

Remote | August 2020 – December 2021

* Develop a data science curriculum for mathematics students
* Teaching fundamentals of data science, machine learning, deep learning, python programming, R programming, and query databases with SQL
* Conduct research and write scientific articles in the fields of dimensional reduction, fuzzy clustering, and natural language processing
* Become an instructor at the international summer course on machine learning

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[LinkedIn](https://www.linkedin.com/in/joko-eliyanto-23a1b6143/)

**SKILLS**

* Programming: Python, R, SQL, MatLab
* Statistical Software: SPSS, Minitab, E Views
* Data Visualization: Python, Tableau, R
* Statistical Testing and Analysis
* Predictive analytics using machine learning models
* Text mining: data text scrapping, cleaning, and text modeling

**EDUCATION**

**Master of Mathematics Education**

2020 | Universitas Ahmad Dahlan

GPA: 3.98

**Bachelor of Science in Mathematics**

2018 | Universitas Ahmad Dahlan

GPA: 3.64

**TRAINING**

**Bangkit Machine Learning Academy**

2020 | Google

**Python Programming**

2020 | FGA KOMINFO RI

**Big Data Analytics**

2019 | FGA KOMINFO RI

**CERTIFICATION**

**Tensorflow Developer Certificate**

2020 | Tensorflow Google

**OTHER WORK EXPERIENCE**

**Lecturer Assistance**

2021 | Mathematics Dept. UAD

**Freelance Writer**

2021 | Andaliman Publisher

**Consultant**

2020 | Gamastatistika

**Math Editor**

2019 | Edu Penguin Publisher

SPEAKER SESSION

2022 **Data Science Webinar: Tips & Trik Memulai Karir di Data Science**

Archilab Academy

Keynote Speaker

2021 **Workshop on Natural Language Processing using Python**

Pusat Studi Data Science, Math Dept, Ahmad Dahlan University

Speaker

2021  **Webinar Alumni: Lulusan Matematika Bekerja di Bidang Data Science**

Ahmad Dahlan University

Speaker

2021 **International Summer Course Of Machine Learning**

Ahmad Dahlan University & Universiti Malaysia Trengganu

Instructor

2019 **Webinar Alumni: Peluang Kerja Lulusan Matematika**

Ahmad Dahlan University

Speaker

PUBLICATION

2021 **Optimization of Fuzzy Support Vector Machine (FSVM) Model in Multiple Metric Spaces**

ICAIBDA 2021, Universitas Padjadjaran, Indonesia

2021 **Outlier Detection Using K-Means Clustering with Minkowski-Chebyshev distances for Inquiry-Based Learning**

**Results in Students Dataset**

ICAIBDA 2021, Universitas Padjadjaran, Indonesia

2021 **An Optimization of Several Distance Function on Fuzzy Subtractive Clustering**

Fuzzy Systems and Data Mining VII, IOS Press

2021 **Distance Functions Study in Fuzzy C-Means Core and Reduct Clustering**

JITEKI, Universitas Ahmad Dahlan, Indonesia

2021 **A Fuzzy Logic in Election Sentiment Analysis: Comparison Between Fuzzy Naïve Bayes and Fuzzy Sentiment using CNN**

JTAM, UM Mataram, Indonesia

2021 **Fuzzy Sentiment Analysis Using Convolutional Neural Network**

International Conference on Mathematics, Computational Sciences and Statistics 2020, Universitas Airlangga,

Indonesia

2020 **Dimension Reduction Using Core and Reduce to Improve Fuzzy C-Means Clustering Performance**

TRKU International Journal Q3 Scopus, Kansai University, Japan

2020 **Meningkatkan Performa Fuzzy Clustering dengan Principal Component Analysis**

Prosiding Seminar LSM XXVIII, Universitas Negeri Yogyakarta, Indonesia

2019 **Reduksi Dimensi untuk Meningkatkan Performa Metode Fuzzy Klastering pada Big Data**

The First SEEEM Proceeding, Universitas Ahmad Dahlan, Indonesia

2018 **AFFINE-HILL-LU Cipher With MATLAB Implementation**

The 5th URECOL Proceeding, Universitas Ahmad Dahlan, Yogyakarta

AWARD

2020 **Best Project Bangkit 1.0 Yogyakarta COHORT**

Bangkit Academy

2018 **2nd Best Graduates of Mathematics and Natural Sciences Faculty**

Ahmad Dahlan University