

EKO SETIAWAN

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Hello there, I'm Eko Setiawan, a dedicated lifelong learner with a profound passion for Data Science. My recent activities include enrolling in numerous Data Science courses, creating Data Science projects (which you can explore on [my personal blog](#)), and actively participating in Kaggle and DataCamp competitions. During my college years, I delved into the fascinating world of Data Science and Machine Learning, and I'm excited to continue this journey as I pursue a career in the field.

Experience and Recent Activities

The Forage
Virtual Internship on British Airways's Data Science Program

Apr 2023 - Jun 2023

- Transformed thousands of passenger reviews into actionable insights by conducting sentiment analysis.
- Leveraged Topic Modeling techniques to proactively address passenger complaints and improve customer satisfaction.
- Drove revenue optimization by developing predictive models to forecast passenger booking completion, resulting in improved conversion rates.

Freecodecamp
"Machine Learning with Python" certification

May 2022 - Jun 2022

- Learned Python programming, Machine Learning algorithms, and honed proficiency in some Machine Learning's key libraries including Pandas, Scikit-Learn, Matplotlib, and Tensorflow.
- Successfully finished 5 Machine Learning Projects by applying techniques such as data preprocessing, data analysis, datavisualization, and model training.

Freecodecamp
"Data Analysis with Python" certification

May 2022 - Jun 2022

- Learned Python, Numpy, Pandas, Matplotlib, and Seaborn, using these skills to complete 5 data analysis projects and create insightful data visualizations.
- Demonstrated expertise by effectively conveying complex insights through data visualization.

Machine Learning Model Deployment Project
Deployment Project Using Docker

Aug 2023 - Sep 2023

- Utilized the FastAPI framework to create a web application for regression model inference.
- Employed Scikit-Learn's MLP Regressor algorithm to build a model predicting abalone age from physical attributes.
- Gained expertise in backend development, including the creation of ML model inference functions, local deployment, and Docker containerization.

Gunadarma University
Assistant for Artificial Intelligence Technology Practicum

Sep 2021 - Nov 2021

- Serves as an assistant for Artificial Intelligence Technology Practicum Course, a mandatory course which contains practical MachineLearning projects for participants.
- Helps participants to solve their technical problems when accessing the course's website.
- Providing support to participants for resolving course-related questions and issues.

Education

Universitas Gunadarma
Bachelor Degree in Information Systems, 3.95/4.00

Jul 2019 – 2023

- Acquired a strong foundation in Object-Oriented Programming (OOP), Relational Databases, and web programming.
- Gained expertise in statistics, data processing using Python, and Machine Learning techniques.
- Demonstrated practical knowledge through the successful completion of a Machine Learning project focused on classifying lung diseases using X-Ray images.

Technologies & Languages

- Data Science & Machine Learning:** Pandas, Matplotlib, Scikit-Learn, Tensorflow, PyTorch
- Programming Languages:** Python, Golang
- Database Management:** MySQL, PostgreSQL
- Development Tools:** Jupyter Notebook, Git, GitHub, Docker