

Mohammad Dhikri

Data Analyst and Data Scientist

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Bandung | Indonesia

Professional Summary

Process-oriented data analyst with 2 years of experience in interpreting and analyzing data to drive growth for IT companies. Skilled in SQL, Power BI, and advanced Excel, with experience in full-stack software engineering. Reduced operating costs by 15% while delivering actionable insights.

Relevant Skills

- SQL (PostgreSQL, MySQL, Oracle)
- Power BI
- Tableau
- Python (Pandas, Numpy, Tensorflow, Pytorch)
- Microsoft Excel
- Software Engineer (Fullstack Laravel, Front End Vue JS, Back End Express JS)

Work Experience

Senior Data Scientist

PT. Fortech Indotama

February 2022 to Current (Association)

- Scraped the website of the Forestry Service, Constitutional Court to carry out the analysis process and create a visual dashboard of the analysis results with Tableau and Power BI
- Conducted sentiment analysis from Twitter to see people's views on public policies and issues that are circulating
- Integrated data and created a database in PostgreSQL as a result of web scraping using Selenium and BeautifulSoup

Data Science and Python Engineer

PT. Global Data Inspirasi (Datains)

March 2021 to January 2022 (Contract)

- Experienced in analyzing data signals from gadgets using Python and Scikit-Mobility library to improve public transportation services efficiency by up to 25%.
- Skilled in building a vehicle detection engine using YoloN5 in Python for highway surveillance using Redis, Laravel, and Web Socket technology, reducing monitoring process time by up to 60%.
- Proficient in creating an interactive dashboard to evaluate the Ministry of Communication and Informatics' performance for the last 3-5 years, contributing to the development of the ministry's performance by up to 20%.
- Expertise in developing an application website using ArcGIS and JavaScript to view population density, costs, and carbon emissions per trip, simplifying the handling of housing and transportation issues in big cities by up to 15%.

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Data Scientist

PT. Kazee Digital Indonesia

February 2018 to May 2020 (Internship))

- Building a ChatBot using NLU (Natural Language Understanding) with the Rasa library. Adding NLU can increase satisfaction and experience by up to 30%.
- An analysis of the results of machines built using Transformers is carried out.
- Understand Indonesian grammar patterns to process Natural Language Generation using the Transformers library. By doing this, it can improve the engine by up to 25%.

Projects

- **National Highway Traffic Safety Administration (NHTSA) Crash Analysis** | Refocus
- **FIFA 2018 Rapid Project** | Freelance
- **Predicting Credit Card Approvals** | DataCamp
- **Dr. Semmelweis and the Discovery of Handwashing** | DataCamp
- **A Visual History of Nobel Prize Winners** | DataCamp
- **The Github History of the Scala Language** | DataCamp
- **The Android App Market on Google Play** | DataCamp
- **Analyzing TV Data** | DataCamp
- **(Food Story) Cloud Kitchen Analysis** | Refocus
- **Twitter Markov Chain Analysis** | Assistant Research in Telkom University

Education History



Bachelor Degree Computer Science

Institution: Padjadjaran University

Year of Graduation: 2022

- Cum Laude

Certification

- **Data Scientist Associate Certification** | DataCamp
- **Data Analyst Associate Certification** | DataCamp
- **Data Analytics Course - Core Track** | Refocus
- **Data Scientist with Python Track** | DataCamp
- **Image Processing with Python Track** | DataCamp
- **Deep Learning with Python Track** | DataCamp
- **Creative Problem Solving** | University of Minnesota
- **Programming Fundamentals** | Duke University
- **HTML, CSS and Javascript for Web Developers** | Johns Hopkins University
- **Technical Support Fundamental** | Google