MOHAMMAD DHIKRI

Data Analyst | Business Analyst | Tableau Engineer

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Portfolio : https://dhik.github.io/portolio_dhikri

SUMMARY

Mohammad Dhikri has 2+ years of Total IT Experience with hands on experience in Data Scientist using Data Scientist, SQL (PostgreSQL, MySQL), Power BI, Tableau, Python, Django, Pandas, Express JS, TensorFlow, Pytorch, Microsoft Excel, Laravel, Vue JS, React JS, Trello, JIRA, AWS Management, Apache Spark, GIT, WebGoat, ArcGIS(JS, Python), Redis, Docker.

SKILLS

Python | SQL | Tableau | Power BI | Looker Studio | Business Intelligence | Ms Excel | AWS Redshift | Machine Learning | Deep Learning | Big Data | Computer Vision | Mobility Analysis

WORK EXPERIENCES

Data Science Team Lead (*Fulltime*)
PT. Fortech Indotama (Fortech)
Feb 2023 – Present

- Spearheaded and secured PT Fortech's inaugural Big Data Analytics project, marking the company's entry into advanced analytics.
- Directed and supervised three project managers across multiple projects, which resulted in a three-fold increase in the company's overall profitability.
- Scraped the websites of the Forest Service and Constitutional Court, followed by analysis and visualization using Tableau and Power BI to improving quality of sales by 70% more effective.
- Analyzing sentiment on Twitter to understand public opinion on public policies and emerging issues, so as to facilitate informed decision-making.

Trainer IT Skills (*Freelance*)
PT. Silka Teguh Sejahtera (Sciencom)
Feb 2023 – Present

- Conducted training sessions for various Indonesian ministries and agencies, including Kominfo, Kemendikbud, Kemenlu, BKN, BPKP, and BPOM, focusing on IT skills development.
- Delivered training on data visualization using Tableau, Power BI, and Excel, as well as Scrum Master methodologies, Laravel and Next JS hardening, Django, and Python fundamentals, and data analysis using Looker Studio.

Data Science dan Python Engineer (*Fulltime*)
PT. Global Data Inspirasi (DataIns)
Mar 2022 – Feb 2023

- Developed a comprehensive dashboard for evaluating activities in DIY Yogyakarta using Tableau, contributing to 30% of the overall dashboard creation.
- Engineered a street monitoring application leveraging Computer Vision. Integrated CCTV footage through Python and a custom-built model, resulting in a 15% performance improvement.
- Contributed to a human mobility analysis project using Python, utilizing mobile network movement data. Successfully completed and optimized the product quality by 17%.
- Conducted data review and dashboard analysis for Ministry of Communication and Information Technology, Indonesia.

EDUCATION

Padjadjaran University, Bandung – *B.Sc. Computer Science*
2018 – 2022

- Research: Mask User Detection Application Using USB Camera with Residual Network Method
- GPA : 3.65/4.00

CERTIFICATIONS

- Certified as a Data Analyst Associate | DataCamp (Expiry date: 07/20/2025)
- Certified as a Data Analyst Professional | DataCamp (Expiry date: 08/04/2025)
- Certified as a Data Scientist Associate | DataCamp (Expiry date: 06/12/2025)
- Certified as a Data Scientist Professional | DataCamp (Expiry date: 06/08/2025)
- Data Analytics with Tableau | DataCamp (2023)
- Microsoft Power BI Desktop for Business Intelligence | Maven Analytics (2023)
- Creative Problem Solving | University of Minnesota (2021)
- Applied Finance in Python | DataCamp (2023)
- Marketing Analytics in Python | DataCamp (2023)
- SQL for Business Analyst | DataCamp (2023)
- Data Scientist with Python Career Track | DataCamp (2021)
- Image Processing with Python Track | DataCamp (2021)
- Deep Learning with Python Track | DataCamp (2021)
- Big Data with PySpark Track | DataCamp (2023)

PROJECTS

- Twitter Markov Chain Analysis
  Data wrangling, data visualization, Python, pandas, numpy, machine learning

- Information Diffusion using Evolutionary Machine Learning
  Data wrangling, machine learning, Python, pandas, scikit-learn

- Portal Data from Websites and Social Media
  Selenium, Python, Power BI, Tableau, data analysis, PostgreSQL, machine learning

- Housing + Transport Analytics App
  Javascript, Python, ArcGIS Javascript, DevOps, Tableau, machine learning

- IDMC Jogjacenter Dashboard Analysis
  Tableau, Python, data analysis, data visualization, data preprocessing

- National Highway Traffic Safety Administration (NHTSA) Crash Analysis
  PostgreSQL, Administration, SQL, Excel, data visualization, data analysis

- Food Story Cloud Kitchen Analysis
  Data analyst, Tableau, Power BI, data preprocessing, data visualization

- Indonesian Ministry of Information and Communication Performance Evaluation Application Project
  Tableau, Python, data analysis, data visualization, data preprocessing

- Creation of Highway Surveillance Application with Computer Vision
  Computer vision, web socket, Redis, Laravel, Python, machine learning, API management, javascript

- Human Mobility Analysis
  Data analysis, Python, scikit-learn, pandas, elasticsearch, data analyst