

DIKI WAHYUDI

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SUMMARY

I am a final-year student majoring in Statistics at Universitas Indonesia, where I have developed a dedicated and innovative approach to my studies. With a strong foundation in Statistics, I possess excellent analytical thinking and problem-solving skills. Skilled in data storytelling, I excel at simplifying complex information into actionable insights. I am deeply passionate about continuous learning and expanding my knowledge and experience to enhance my capabilities. Currently, I am seeking opportunities in data analytics, data science, and machine learning, using my background in statistics to make meaningful contributions.

EXPERIENCE

- Toyota-Astra Motor**
Digital Transformation & Big Data Management Intern

Jun 2024–Dec 2024
Jakarta Utara, Jakarta

 - Assisted in organizing a Power Automate workshop and provided mentorship to 10+ people across various divisions to enhance the digital mindset and drive digital transformation within the company.
 - Supported the documentation of data, dashboards, and systems for metadata to promote a data-driven culture.
 - Developed 4 dashboards using Microsoft Power BI for the Security Department, Digital Transformation Office Department, and Area Division to facilitate monitoring, simplify reporting, track Microsoft Form responses, and analyze competitor market share.
 - Created Python code in Microsoft Azure Machine Learning Studio to preprocess dealer data into a tabular format.
 - Built 3 automation flows using Microsoft Power Automate for the Marketing Planning Division, After Sales Division, and Digital Transformation Office Department including automating PDF signatures, archiving files from email, and refreshing dashboards in response to data changes from Microsoft Form to improve efficiency.
- Pojok Statistik Universitas Indonesia x Badan Pusat Statistik (BPS)**
Data Analysis Division Staff

Feb 2024–Present
Depok, Jawa Barat

 - Facilitated offline data requests for BPS' data, ensuring prompt and accurate delivery of information while providing expert consultations on statistical methods.
 - Transformed raw data into compelling infographics and video content, enhancing data communication and client engagement.
 - Analyzed data for 3 client projects in the fields of conservation, biology, and health, conducting comprehensive end-to-end analyses and delivering presentations to clients, ensuring high-quality results to support informed decision-making.
- Department of Mathematics, Universitas Indonesia**
Teaching Assistant

Aug 2023–Dec 2024
Depok, Jawa Barat

 - Provided learning assistance to 35+ students in each class of Design of Experiments, Introduction to Multivariate Statistics, Nonparametric Statistics, Multivariate Statistics, Time Series Analysis, and Categorical Data Analysis to enhance understanding of fundamental concepts and their practical application in relevant software/programming languages, such as R, R Markdown, and Microsoft Excel.
 - Assessed assignments of 35+ students in each class.

EDUCATION

- Bangkit Academy by Google, GoTo, Tokopedia, Traveloka**
Machine Learning Cohort

Sep 2024–Jan 2025
Grade: 90.00/100.00

 - Learned about Machine Learning, Deep Learning, Natural Language Processing, Computer Vision, Recommendation Systems, Introduction to Reinforcement Learning, and Generative Artificial Intelligence.
 - Developed a text classification model using Bidirectional LSTM and 2 recommendation models: a Two-Tower Retrieval approach and cosine similarity, to predict the genre of a book and provide book recommendations for a capstone project [\[GitHub Repository\]](#).
- Universitas Indonesia**
Bachelor of Statistics | Statistics

Aug 2021–Present
Cumulative GPA: 3.83/4.00

 - Relevant courses: Exploratory Data Analysis, Survey and Sampling Design, Data Mining, Unstructured Data Analysis.
 - Selected as a participant with an acceptance rate of 2.6% and successfully completed the Data Science Academy held by COMPFEST 15, BEM Fasilkom Universitas Indonesia.

AWARDS AND HONORS

- Finalist in Infographic Competition University 2024** | Issued by RASIO Universitas Padjadjaran **2024**
Ranked 4th out of 50+ teams from universities across Indonesia with an infographic titled “Boosting Indonesia’s Manufacturing Efficiency & Safety: AI-Driven Smart PPE Detection System for Economic Growth”.
- Semifinalist in National Statistics Competition 2023** | Issued by Satria Data from the Pusat Prestasi Nasional **2023**
Ranked in the top 66 out of 300+ participants from universities across Indonesia in a National Statistics Competition by successfully solving complex statistical problems.

SKILLS

- Programming Languages:** Python, R, SQL, LaTeX.
- Software:** Microsoft Office Applications, Microsoft Power BI, Microsoft Power Automate, Tableau.

PROJECTS

- Detecting Sarcasm in News Headlines Using Deep Learning** [\[GitHub Repository\]](#) **2024**
This project investigated the detection of sarcasm in news headlines using data from The Onion and HuffPost. By utilizing deep learning classification methods, including RNN, LSTM, GRU, and CNN, the project revealed that the Bi-LSTM and CNN models outperformed others, achieving accuracies of 85.398% and 85.228%, respectively.
- Analyzing Spatial Variability of Poverty in North Sumatra Using Geographically Weighted Regression** [\[GitHub Repository\]](#) **2024**
Collaborated with a team to analyze the level of open poverty in North Sumatra in 2022 using the Geographically Weighted Regression (GWR) approach. The GWR method enabled understanding the spatial variability of factors influencing the level of open poverty in the region. The analysis results revealed significant spatial variations in poverty levels and factors that exerted different influences in each geographical location.
- Data Mining for Property Price Analysis and Market Potential in Indonesia** [\[GitHub Repository\]](#) **2023**
Collaborated with a team to perform data preprocessing and Exploratory Data Analysis (EDA) on a property dataset to identify factors influencing house prices across various cities in Indonesia. Provided recommendations for areas with high potential to establish new branch offices and identified properties with the potential to generate profits for the company.
- Forecasting Electric Vehicle Numbers in Washington State Using SARIMA** [\[GitHub Repository\]](#) **2023**
Collaborated with a team to conduct exploratory data analysis (EDA) and SARIMA modeling on electrical vehicle dataset in United States to forecast the future number of electric vehicles in each county of Washington State.