KEVIN ALIFVIANSYAH

+62 81214282172 | kevinalifviansyah@gmail.com | linkedin.com/kevinalifviansyah

Jalan Margajaya 1, Kem House, Dramaga, Bogor Jawa Barat

A passionate and insightful data analyst with a strong foundation in statistics, honed through academic projects. Graduated with a Bachelor of Mathematics degree from the State University of Surabaya and is currently in the final semester of the Master of Statistics and Data Science program at IPB University. Have a passion for translating complex data into actionable insights and optimize processes to drive innovative solutions. Equipped with advanced expertise in statistical methods and data analysis, and committed to solving complex problems and supporting data-driven decision-making.

Work Experiences

IPB University - **Bogor, Indonesia**   Jan 2024 - Jul 2024

Assistant Lecturer

Provides learning and information related to SAS software basics and Introduction to R Programming Language

Achivement

- Successfully delivered 20+ interactive lectures focused on statistical analysis and programming fundamentals, with an average student satisfaction rate of 90% based on end-of-semester feedback.
- Designing special learning modules that improve students' understanding of statistical concepts in R.
- Mentored 50 undergraduate students in a hands-on project, guiding them through real-world data analysis using R, which improved technical proficiency and critical thinking skills on the course's final project

Dokter Data IPB - **Bogor, Indonesia**   Mar 2024 - Aug 2024

Staff Data Analysis Project

Assisting in Analyzing the Data of the IPB Alumni Directorate Yearbook for the Year 2023-2024.

Achivement

- Conducted comprehensive data cleaning and preprocessing, ensuring 100% data integrity for over 5,000 alumni records, which significantly reduced reporting errors.
- Collaborated with cross-functional teams to identify key alumni engagement metrics, contributing to a strategic report that was officially adopted for the 2024-2025 alumni outreach program

Dokter Data IPB - **Bogor, Indonesia**   Apr 2023 - Jun 2023

Project Leader

Conducting left-censored survival data analysis using Tobit Regression to identify factors causing HIV/AIDS, including data cleaning, statistical exploration, and interpretation of analysis results to support data-driven decision making.

Achivement

- Successfully identified significant variables that affect the survival rate of individuals with HIV/AIDS, increasing the model's accuracy by 15%.
- Implementing cross-model validation to ensure the robustness of results, enhancing the reliability of predictive models. Contributing to the preparation of analysis reports used as a basis for decision-making.

Education Level

Institut Pertanian Bogor - **Bogor**   Aug 2023 - now

Master of Magister Statistic and Science Data

Universitas Negeri Surabaya - **Surabaya**   Aug 2018 - Feb 2022

Bachelor of Bachelor of Mathematic, 3.40/4.00

- Perform algebraic analysis on an algebraic structure to identify its characteristics and properties

Organisational Experience

Himpunan Pascasarjana Statistika dan Data Sains   Aug 2023 - Feb 2024

Head of Human Resource Development Division

- Directed the division's efforts in supporting the academic and professional development of statistics and data science students through targeted training programs and mentorship opportunities.
- Organized skill-building workshops on statistical analysis, data visualization, and programming languages, enhancing members' competencies in line with industry demands.
- Facilitated networking events and collaborations with data science professionals, providing students with exposure to real-world applications of statistical methodologies.
- Implemented a structured self-development framework that empowered students to set and achieve personal learning goals, significantly improving member engagement and satisfaction.

BEM FMIPA Universitas Negeri Surabaya   Mar 2020 - Dec 2020

Head of Interest and Talent Division

- Oversaw the planning and execution of academic and non-academic events, focusing on providing resources and support for students' personal and professional growth.
- Managed cross-department collaborations to ensure the availability of facilities and infrastructure for educational programs, including webinars, leadership training, and community projects.
- Developing innovative programs to identify and cultivate leadership potential among students, contributing to a more dynamic and engaged student body. Spearheaded initiatives that improved access to extracurricular activities, resulting in a 25% increase in event participation rates.

Himpunan Mahasiwa Jurusan Matematika   Aug 2019 - Feb 2020

Head of Interest and Talent Division

- Led the development and implementation of talent programs to nurture mathematical interests among students through workshops, seminars, and academic competitions.
- Designed and executed strategic initiatives that encouraged student participation in prestigious national and regional mathematics contests, fostering a culture of academic excellence.
- Coordinated with faculty members and external partners to organize mentoring sessions, enhancing students' problem-solving and analytical thinking skills. Successfully increased student engagement in talent-based activities by 30% compared to the previous year.

Skills

- **Software and Tools**: Excel, Python, R , SQL , SAS, Tableau
- **Hard Skills**: Data Collection, Data Modelling, Machine Learning, SQL Reporting
- **Techniques**: Data Visualization, Data Analysis, Data Mining, Natural Language Process
- **Soft Skills**: Adaptive, Time Management, Critical Thinking, Good Communication, Curiosity and Lifelong Learning, Problem-Solving

Portofolio

Visualisasi Data Scraping IBL

Data Collection, Analysis, and Visualization Project

Description

Using R, scraping data from the official website of the Indonesian Basketball League (IBL) to collect data related to player statistics, match results, and team performance. After the data was successfully extracted, I cleaned and analyzed the data to identify performance patterns, winning trends on the top 3 teams in the standings as well as the contributions of key players in each match. The results of this analysis are then visualized using various interactive charting techniques to provide deeper insights related to the dynamics of IBL competition**.**

Link: https://shorturl.at/BDqG8

Multi-class Classification with Starbuck Review

Natural Language Process, Analysis, modelling

In this project, I developed a multi-class classification model to analyze Starbucks customer reviews. Using a machine learning approach, I perform data exploration, text cleansing, and feature engineering techniques to extract important information from reviews. The model is developed with classification tree algorithms such as Extra Trees to differentiate between different categories of sentiment or review topics. Model evaluation is carried out using accuracy, precision, recall, and F1-score metrics to ensure optimal performance.

Link: https://shorturl.at/TFvhj