PUTRI YEMIMA SARMAIDA SINAGA

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SUMMARY

Statistics graduate with strong foundation in statistical modeling and data analysis, supported by hands-on experience using Python, SQL, and Looker Studio. Proven track record in predictive modeling, clustering analysis, and data visualization through academic and applied projects. Demonstrated strong collaboration, communication, and time management skills by leading social initiatives, contributing across diverse organizational functions, and consistently delivering high-quality results. Particularly interested in applying data in economic and financial contexts, as reflected in my thesis on portfolio optimization, while remaining open to interdisciplinary data roles. Eager to contribute my analytical and interpersonal skills to solve real-world problems and support data-driven decision making.

EDUCATION

Diponegoro University.   **Semarang**
Bachelor's Degree in Statistics   *2020 - 2024*
- GPA 3.89 out of 4.00 (Credit passed: 150/144), Graduated Cumlaude.
- Relevant Coursework : Risk Management, Portfolio Management, Cluster Analysis, Regression Analysis, Forecasting, Exploration Data Analysis, and others.
- Final thesis title : Mean-Semivariance Portfolio Optimization with Stock Selection via Ward Clustering: A Study on the IDX ESG Leaders Index

WORK EXPERIENCE

Badan Pusat Statistik Kabupaten Cirebon.   **Cirebon**
Intern – Data Processing, Integration, and Statistical Dissemination Division   *1– 31 Jan 2023*
- Collaborated with field teams to ensure data accuracy and completeness prior to system entry, contributing to the integrity of national-level demographic analysis and policy planning.
- Inputted and validated 500+ socioeconomic data entries for the Regsosek national survey, achieving 100% completion with zero critical errors.

COURSE

Independent Study Program by Kemendikbud.   *Mar – Jun 2023*
Data Analytics Pathway at Zenius.
- Completed a comprehensive data analytics training program covering SQL, Python (for data analysis), Looker Studio (data visualization), and exploratory data analysis, with practical application through case-based projects.
- Developed logical reasoning and scientific thinking skills by writing two data-related argumentative essays, reinforcing analytical depth beyond technical tools.
- Achieved A-grade performance across multiple Python-based projects, including data visualization (Titanic dataset), statistical analysis (Diabetes data), exploratory analysis (Telco Customer Churn), regression modeling (Housing Price Prediction), clustering (Mall Customer Segmentation), SQL database management (DVD Rental), and dashboard development (Global Covid-19).
- Delivered a capstone project on credit approval prediction using advanced data science techniques to optimize lending decisions.

ORGANIZATION EXPERIENCES

Diponegoro University Statistics Student Association.   **Semarang**
Staff of Social Division for Student and Social Welfare Department.   *2021 – 2022*
- Managed dual responsibilities as department treasurer while leading social impact content creation (Jan-Dec 2021)
- Successfully created and delivered 18 impactful infographics and 3 engaging videos with 100% on-time delivery rate, effectively disseminating information about important social commemorative days that aren't widely known yet, and contributing to public awareness and positive social change initiatives.
- Conceptualized and served as the project leader for 2 high-impact social events in collaboration with 2

different NGOs. Successfully executing "World Book Day" event for 30+ street children and "World No Plastic Bag Day" event for 20+ participants.

- Led the event division for the flagship "Statistics Back to Society" program under Student and Social Welfare Department.

Dokter Data Undip 2022.   **Semarang**
Staff of Liaison Officer.   *May – Oct 2022*
- Acted as the main liaison between participants and the committee of Dokter Data, ensuring timely and accurate communication. Successfully supported and guided 10+ teams throughout the competition, with one team winning first place.
- Initiated outreach to past participants to boost engagement and encourage participation in the latest edition of the event.

LKMMD (Latihan Keterampilan Manajemen Mahasiswa Dasar) FIB Undip.   **Semarang**
Staff of Disciplinary Commission and Field Coordinator.   *Mar – Sep 2022*
- Served as part of the Disciplinary Commission and Field Committee after completing the 6-month LKKMD FIB 2021 leadership development program.
- Worked closely with the participation division to interview training program applicants and support initial screening.
- Designed and introduced discipline guidelines for 100+ participants to create a structured training environment.
- Evaluated participant discipline consistently and helped determine their eligibility for graduation based on tracked performance.

ACCENT Undip 2021.   **Semarang**
Staff of Logistic.   *Jun – Sep 2021*
- Handled technical operations for the online competition, including platform setup, YouTube live streaming, virtual meetings (Zoom & Google Meet), and participant registration systems.
- Also served as Liaison Officer for the Acoustic Competition branch, ensuring smooth communication between participants and the organizing committee.

Penerimaan Anggota Baru (PAB) PMK FSM Undip   **Semarang**
Staff of Public Relation and Publication, Decoration, and Documentation.   *Jun – Sep 2021*
- Assigned and contacted student representatives from each batch and department within the Faculty of Science and Mathematics to manage event invitation distribution.
- Selected and standardized design color palettes to maintain visual consistency across all communication materials.

ADDITIONAL
Hard Skills : Python | SQL | Looker Studio | R | SPSS | Microsoft Office | Adobe Photoshop | Minitab | Eviews
Soft Skills : Analytical Thinking | Communication | Time management | Collaboration | Detail-oriented |