WINDI PANGESTI

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windipngsti.github.io/personal-portfolio/

I am a Bachelor of Mathematics graduate with a strong passion for data analytics. My background includes valuable experience gained through virtual internship, training, and projects related to the field of data analytics. Proficient in applying statistical methods for research, data analysis, and data mining. Possesses skills in using tools such as R, Microsoft excel, Python, Tableau, MySQL, and Google Data Studio to derive valuable insights from various datasets.

EDUCATION

Digital Talent Scholarship   **Jul 2023 – Aug 2023**
Database design and programming by kominfo

- Completed a 210-hour training program, emphasizing hands-on learning and practice. Specialized in designing databases using Oracle Database Management (ODM) and proficient in querying, constructing, modifying, and retrieving data through SQL using Oracle APEX.
- Become student who get free ticket to join and passed the Oracle global certification.

Universitas Sanata Dharma – IndoMS School   **Jul 2021 – Aug 2021**
Data science program by Kampus merdeka – score 88/100

- Final project: Implementation of association rules and the Apriori algorithm on restaurant transaction data.

Universitas Andalas   **Aug 2019 – May 2023**
Bachelor of science, Mathematics and data science department – GPA 3.70/4.00

- Thesis title: modeling the Amount of Cash in Indonesia using SARIMAX with Calendar Variation Effects.
- Actively participated in more that 5+ campus events, such as competition, webinar, and organizational event.

EXPERIENCE

Project Based Intern – Big Data Analytics kimia Farma   **May 2022**

- Completed various tasks related to data analysis and machine learning implementation for Kimia Farma. Built a mid-year sales report dashboard using Google Data Studio.

Quantum Data Analytics Job Simulation on Forage   **Jun 2021**

- Developed expertise in data preparation and customer analytics, utilizing transaction datasets to extract valuable insights and deliver data-driven commercial recommendations.
- Leveraged acquired data analytics and insights from previous tasks to create comprehensive reports for the Category Manager and facilitating informed strategic decisions.

Assistant Lecturer – Universitas Andalas   **sept 2021 – Aug 2022**

- Assistant Lecturer for Linear Programming, Ordinary Differential Equations, and Partial Differential Equations objects at Mathematics department.
- Facilitated tutorial classes as an instructor, examined assignment scores, task solutions, and entered grades for over 60 students using Microsoft Excel.

ORGANIZATIONAL EXPERIENCE

HIMATIKA UNAND   **Jan 2022 – Feb 2023**
Staff of Pendidikan dan Penalaran Department

- Coordinated a national webinar by executed promotional campaigns and facilitated engaging discussions with subject matter experts. Achieving a participation of over 30 participants and positive feedback on content relevance and delivery.

Pekan Seni Bermatematika XIX UNAND   **Nov 2022**
Staff Tim soal

- Created and managed 50+ relevant exam questions and answer keys both objective and essay aligned with the curriculum or specified topics, incorporating varying difficulty levels.
- Facilitated as the Liaison Officer to judges, ensuring a clear understanding of event requirements and schedule.

Bangun Pendidikan Indonesia   **Apr 2022 – Sept 2022**
Head of Education Study division

- Facilitated regular meetings to communicate objectives, outline project details, and ensure 4-member team member comprehended their roles and responsibilities.
- Our team has produced a total of 13 educational content posted on Instagram Bangun Pendidikan Indonesia and Collaborate with other division.

PROJECT EXPERIENCE

Time Series Modeling – the amount of cash in Indonesia   **Apr 2023**

- Applied SARIMAX to modeling the amount of cash in indonesia with variation calender effects using R with 98% accuracy.

Sales Report Dashboard PT. Kimia Farma   **May 2022**

- Created datamart consist of base and aggregate tables using SQL, and built dashboard for the company's half-yearly sales report using Google Data Studio.

COURSE AND CERTIFICATION

- TOEFL ITP (**score**: 507)
- Oracle Certified Foundations Associate
- Excel skills for bussiness Essentials – Macquarie University
- Introduction to Data Analytics – IBM
- Python and statistics for financial analysis – The Hong Kong University & Technology
- SQL Fundamental – Datacamp
- Tableau Fundamental -Datacamp
- Statistics using R for Data Science – DQLab Academy
- Fundamental data visualization using R – DQLab Academy

AREAS OF EXPERTISE

- **Soft Skills:** Team work, Problem Solving & Decision Making, Communication Skills and Leadership
- **Hard Skills**: R, Python, Hands on SQL experience, Ms. Excel, Google spreadsheet, Google data studio, tableau, Time series modelling, Statistical Analysis, Data Analysis.
- **Language Proficiency**: Indonesian (Native), English (Intermediate)