




ASA YUDHISTIRA

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PROFILE

Data analyst with experience improving business processes and decision-making through practical, data-driven insights. Skilled in identifying inefficiencies, optimizing workflows, and delivering clear recommendations that enhance performance. Strong foundation in business intelligence and data visualization, with the ability to connect analytical findings to strategic goals. Experienced in stakeholder collaboration and consulting, with a focus on providing sustainable, high-impact solutions.

EDUCATION

Erasmus University

Rotterdam, Netherlands

Master of Science in Business Analytics, GPA: 8.7/10 (Cum Laude, Top 5/158)

September 2023 – July 2024

- Mastered projects in statistical and machine learning models using Python and R, gaining hands-on experience in applying these techniques to real-world data analysis and problem-solving.
- Developed expertise in process mining, business intelligence, and optimization, applying data-driven methodologies to enhance operational efficiency.

University of Groningen

Groningen, Netherlands

Bachelor of Science in Computer Science, Minor in Entrepreneurship, GPA: 7.7/10

September 2019 – July 2023

- Developed a strong foundation in programming languages such as SQL, C/C++, Python and R, enabling the creation of efficient and optimized code for software and web engineering projects.
- Collaborated on 8+ team-based software development projects, improving proficiency in Agile communication and coordination techniques.

SKILLS AND CERTIFICATIONS

Data Analytics & Visualization: SQL, Python, Power BI, Tableau, Grafana, Matplotlib, Seaborn

Process Mining & Business Analytics: Celonis, Disco, Business Process Modeling (BPMN)

Project Management & Collaboration: Jira, Trello, Slack, Agile & Scrum Methodologies

Certifications: DeepLearning.ai Machine Learning Specialization, Google Data Analytics and Business Intelligence Professional Certification

EXPERIENCE

Data Analyst (Part-time)

February 2024 – July 2024

Erasmus Centre for Data Analytics

Rotterdam, Netherlands

- Built 5+ comprehensive dashboards for a smart office assistant system, integrating real-time sensor data using Tableau, PowerBI and Grafana.
- Provided insights to support the Smart Campus initiative, focusing reduction in energy consumption.
- Coordinated the organization of 6 events focused on Data and Immersive Technology Experiences.

Data Analyst Intern

February 2024 – July 2024

Beest Boulders

Rotterdam, Netherlands

- Processed and cleaned data sets with over 5 million entries using Python and R, ensuring high model accuracy.
- Conducted 3 segmentation analysis to identify distinct customer groups, intensifying targeted marketing strategies.
- Built predictive models for customer churn, achieving an 83.8% accuracy rate, enabling tailored marketing promotions to retain at-risk members.

PROJECTS

U-Turn Inland Freight Cost Predictor | Python, scikit-learn, Pandas, NumPy

January 2024 – February 2024

- Addressed market trends and seasonality factors in the transport sector to provide competitive price forecasts.
- Formulated a price recommender system for UTURN's B2B platform, reducing MAPE from 25% to 15%.

RSM Enrollment Predictor | Python, scikit-learn, Pandas, NumPy

November 2023 – December 2023

- Applied 7 machine learning techniques to predict student enrollment, achieving a high F1 score of 0.98.
- Conducted comprehensive data analysis and model evaluation in R, yielding 99% precision and 97% recall.