



ARYAN RIAN TO

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Portofolio

Bandung, West Java

Detail-oriented and results-driven Informatics Technology student at Widyatama University with strong expertise in Data Analysis, Database Management, Machine Learning, and Business Intelligence. Experienced in executing end-to-end data projects from data cleaning and exploration to model deployment and dashboard visualization. Proficient in Python, SQL, Power BI, Looker Studio, and Cloud Platforms (GCP). Demonstrated ability in working collaboratively within teams and delivering insights that support data-driven decision-making.

EDUCATION

Widyatama University [\[certificate\]](#)

Informatics Engineering

September 2021 – Present

- GPA : 3.43 / 4.00 [\[transkrip\]](#)
- Relevant Courses : *Statistics, Applied Database, Artificial Intelligence, Machine Learning, Business Intelligence*
- *Active in Student Association Organizations,*
- *Participated in Taekwondo extracurricular Activities.*

WORK EXPERIENCE

PT BISA AI Academy [\[certificate\]](#)

MSIB - Data Science Intern Batch 7

September 2024 - December 2024

- Collected, cleaned, and preprocessed datasets using Python (Pandas, Numpy) to support data analysis and machine learning models.
- Implemented machine learning algorithms such as K-Means, Decision Tree, and Random Forest for data Classification, Clustering, Prediction and Segmentation tasks.
- Performed data Exploration and Visualization using tools like Matplotlib, Seaborn, and Tableau to deliver actionable insights.
- Collaborated with cross-functional teams to develop data-driven solutions and support decision-making processes.

PT Revolusi Cita Edukasi (RevoU) [\[certificate\]](#)

MSIB - Data Analyst and Software Engineering Batch 6

February 2024 - June 2024

- Collected, processed, and analyzed datasets using Python and SQL to extract insights and support decision-making.
- Built interactive dashboards using Looker Studio and Power BI to visualize KPIs and business trends.
- Designed and developed responsive web applications using HTML, CSS, JavaScript, and frameworks like React.
- Collaborated in Agile teams to build data-driven features, integrate APIs, and ensure scalable software solutions.

Widyatama University [\[Letter of Appointment Assistant Lecturer\]](#)

teaching assistant

September 2023 - Present

- Assisted in Programming Algorithms courses; guided students in logic-building and debugging.
- Graded assignments and mentored students on coding best practices.
- Designed and delivered lab materials and practical exercises to enhance student's hands-on coding skills.
- facilitated group discussions and coding workshops to improve collaborative problem-solving among students.

COURSE AND CERTIFICATION

Data Science [\[certificate\]](#)

13 December 2024 - 13 December 2026

- Covered advanced topics in Machine Learning, Deep Learning, Artificial Intelligence and Big data Security. focused on building predictive models and deploying them in cloud-based environments, using tools like TensorFlow and cloud platforms such as GCP and AWS.

Data Analytics Bootcamp [\[certificate\]](#)

January 2024

- An intensive bootcamp focused on Exploratory Data Analysis (EDA), Predictive Analytics, and Data-Driven Decision Making using tools such as Python, SQL, Power BI, Tableau, and Looker Studio. Emphasized practical skills for real-world business data problems.

Cisco [\[certificate\]](#)

march 2022

- Learned the fundamentals of programming in C, including data structures, file manipulation, and algorithm design-providing a strong foundation for software development and data processing.

TECHNICAL SKILLS

- Data Analytics & Visualization : Power BI, Tableau, Looker Studio
- Programming & Databases : SQL, Python, Java, C++, JavaScript
- Database Management : SQL Server Management Studio, MySQL Workbench, MongoDB
- Cloud & Big Data : Google Cloud Platform (GCP), Amazon Web Services (AWS), Hadoop, Spark
- Machine Learning & Deep Learning : Scikit-Learn, PyCaret, TensorFlow, NLP.
- Tools : Jupyter Notebook, Github, Streamlit, Visual Studio Code, Google Collab.

PERSONAL SKILLS

- Problem Solving
- Analytical Thinking
- Team Collaboration
- Effective Communication
- Time Management