




TALITHA RAHMADEWATI WITANTO

Surabaya, Indonesia

📞 +62 813-1928-0711 ✉️ talitharhmade@gmail.com  [Talitha Rahmadewati Witanto](#)

 [Talitharhmd](#)  [tatarhmde](#)

PROFIL PERSONAL

I am an active Data Science student at Telkom University Surabaya with a strong focus on data analysis, machine learning, and model development. Over the past three years, I have gained extensive experience through academic and personal projects in data processing, statistical analysis, and data visualization, creating interactive dashboards using Google Looker Studio and Power BI. My expertise includes building and deploying machine learning models, time-series analysis, and sentiment analysis, leveraging tools like Python (with libraries such as Pandas, NumPy, and Scikit-learn), Jupyter Notebook, and managing databases with SQL, phpMyAdmin, and MongoDB. Additionally, I have hands-on experience developing applications using Java in NetBeans IDE. I have experience designing data pipelines, integrating data warehouses, and conducting exploratory data analysis (EDA) to extract actionable insights. Motivated by a passion for solving real-world problems through data-driven approaches, I am committed to continuous learning and contributing to meaningful, innovative projects that deliver impactful solutions.

EDUCATION

Telkom University Surabaya

September 2022 - Present

Bachelor of Data Science — Grade: 3.45/4.00

Surabaya, Indonesia

- Engaged in coursework covering machine learning, data analysis, and database management systems.
- Developed strong technical skills in data processing, statistical modeling, and interactive dashboard creation.
- Completed projects involving data visualization, time-series analysis, and sentiment analysis using Python and SQL.
- Actively participated in data-driven competitions and collaborative projects, including IoT and AI integrations.

Ta'miriyah Senior High School

2019 - 2022

Natural Science

Surabaya, Indonesia

- Ranked in the top 8 at the school with a cumulative score of 89.
- Team Coordinator of the Ta'miriyah High School Choir during the 74th Indonesian Independence Day celebration at Grahadi Building, Surabaya.
- Scout Representative of SMAS Ta'miriyah Surabaya.

EXPERIENCE

SAMSUNG INNOVATION CAMPUS BATCH 6

January 2024 – Present

Student Trainee

Remote

- Led a team of three in the Samsung Innovation competition, advancing from the Preliminary round (10,000+ participants) to Stage 1 (4,524 participants) and successfully securing a spot in Stage 2 (1,000 participants). In Stage 1, we excelled in coding and software prototyping, and in Stage 2, we focused on hardware prototyping using IoT technologies.

TELKOM UNIVERSITY SURABAYA

Period 2024

Speaker at Workshop on Basic Data Visualization Using Looker Studio

November 2024

Speaker

Surabaya, Indonesia

- Delivered a two-hour workshop introducing students from the Visual Communication Design (DKV) program at SMKN 10 Surabaya to the basics of data visualization using Looker Studio. The session covered key concepts of effective data visualization, hands-on training in creating interactive dashboards, and guidance on importing data and designing appealing layouts.

Speaker at Welcome Party 2024 for Data Science Program

October 2024

Speaker

Surabaya, Indonesia

- Invited as a speaker at the Welcome Party 2024 for the Data Science Program, where I shared insights and experiences from my academic journey, including organizational and committee involvement, participation in competitions, and hands-on projects. Highlighted my contributions to various initiatives, such as leading and collaborating on impactful academic and extracurricular activities, while motivating new students to explore opportunities and excel in their studies and personal growth.

PKKMB Dewangkara Maetala 2024 Committee

May - September 2024

Facilitator Division Member

Surabaya, Indonesia

- Guided over 30 new students in adapting to campus life, fostering an inclusive and supportive environment. Acted as a liaison between new students and the PKKMB committee, delivering key information and resolving communication issues. Facilitated group activities to ensure smooth and organized event execution.

Data Science Orientation (Balwana Abhipraya) 2023 Committee

February – March 2024

Facilitator Division Member

Surabaya, Indonesia

- Assisted over 15 new students in adapting to data science course life, promoted an inclusive and supportive environment, acted as a communication bridge between new students and the committee, and coordinated group activities to ensure successful and well-organized event execution.

INTERNET.ID WAVE 8

Apr 2023 – Now

Mentees Internnet.id

Remote

- Participated in intensive mentoring sessions with professional mentors across various industries to learn best practices in Data Science and Technology, worked on group projects solving data-driven case studies to enhance analytical and problem-solving skills, and developed soft skills such as effective communication and networking through interactive sharing sessions with mentors and fellow mentees.

FUTURE SKILLS X TLCNESIA X UGM BATCH 10

Aug 2024 – Oct 2024

Peserta Program “Be A Level Up Person”

Remote

- Completed a self-development program focused on leadership and self-improvement by applying self-management techniques to boost productivity and quality of life, while actively participating in workshops and collaborative activities to enhance critical thinking, problem-solving, and teamwork skills.

PROJECT

Workshop on Basic Data Visualization Using Looker Studio

November 2024

SMKN 10 Surabaya

Surabaya, Indonesia

- Designed and conducted a two-hour workshop at SMKN 10 Surabaya, teaching Visual Communication Design students the fundamentals of data visualization and hands-on dashboard creation using Looker Studio to enhance their digital competencies and academic skills.

TEFAR: A Simple Application for Managing Goods Delivery in Surabaya

December 2024

Telkom Surabaya

Surabaya, Indonesia

- Collaborated with a team of four to create TEFAR, an innovative application developed using Object-Oriented Programming (OOP) principles with Java in NetBeans IDE. This project streamlines goods delivery processes by automating cost calculations, enabling real-time monitoring, and integrating database-driven reporting to enhance efficiency, transparency, and user experience.

Transaction Performance Dashboard for Retail Sales

August 2024

MySkill

Remote

- Developed an interactive dashboard using Google Looker Studio and Google Spreadsheets to analyze retail sales performance, providing actionable insights on revenue trends, payment methods, customer preferences, and product sales to support strategic decision-making.

Design and Implementation of a Bicycle Sales Data Warehouse

June 2024

Telkom Surabaya

Surabaya, Indonesia

- Designed a data warehouse integrating multi-source data for bicycle sales analysis, leveraging SQL, Pentaho, and Looker to deliver insights on market trends, top-performing brands, and customer purchasing patterns.

ASEAN Data Science Eploratory (ADSE) X Novo Club 2024

May 2024

ADSE X Novo Club

Remote

- Selected to participate in the ADSE training program, where I gained hands-on experience with SAP for data processing and dashboard creation, as well as developing a simple application.

Exploratory Data Analysis for SDGs 3 in Central Java

January 2024

Telkom Surabaya

Surabaya, Indonesia

- Completed an EDA project focusing on "Good Health and Well-being" (SDGs 3) in Central Java, applying data transformation, anomaly handling, regression analysis, and visualization techniques to explore health statistics and promote sustainable development goals.

Sentiment Analysis on Twitter: Dynamics of Public Opinion Ahead of Indonesia's 2024 Election

November 2023

Gelar Rasa 2023

Surabaya, Indonesia

- This project utilized sentiment analysis with the IndoBERT deep learning model to analyze public sentiment towards Indonesia's 2024 election, leveraging Twitter data to uncover insights into positive, negative, and neutral sentiments. The project achieved recognition as a Top 5 Finalist in the "Menelaah Dinamika Politik Jelang Pemilu Indonesia 2024" competition.

LICENSES AND CERTIFICATIONS

HackerRank Python (Basic)

January 2025

Issued by HackerRank

Self Learning

HackerRank SQL (Intermediate)

January 2025

Issued by HackerRank

Self Learning

HackerRank SQL (Advanced) <i>Issued by HackerRank</i>	January 2025 <i>Self Learning</i>
HackerRank CSS (Basic) <i>Issued by HackerRank</i>	January 2025 <i>Self Learning</i>
HackerRank SQL (Basic) <i>Issued by RevoU</i>	August 2023 <i>Self Learning</i>
Mini Bootcamp Data Science <i>Issued by DQLab</i>	August 2023 <i>Self Learning</i>
Data Analytics Mini Course <i>Issued by RevoU</i>	August 2023 <i>Self Learning</i>
Software Engineering Mini Course <i>Issued by RevoU</i>	August 2023 <i>Self Learning</i>
Python Fundamental <i>Issued by MySkill</i>	July - August 2023 <i>Self Learning</i>
Digital Festival Rakamin – Kickstart Data Science Journey <i>Issued by Rakamin Academy</i>	May 2023 <i>Self Learning</i>

ACHIEVEMENT AND REWARD

Finalis Infografis E-COMP Season 2 2024 <i>Issued by E-BIOCOMP 2024, PENS</i>	July 2024
Finalis Top 5 Gelar Rasa 2023 <i>Issued by Himpunan Mahasiswa Sains Data, UPN Veteran Jawa Timur</i>	November 2023
Semifinalis Dataquest by Airnology 2.0 Innovation Quest Competition <i>Issued by Airnology 2.0, Airlangga University</i>	Sept - Oct 2023
Finalis Psy Accretion “The Era of Growth: Improving Mental Health and Well-Being for Everyone <i>Issued by Fakultas Psikologi, Universitas Sumatera Utara</i>	Sept - Oct 2023
Excellent Grade in Digital Festival by Rakamin - Kickstart Data Science Journey <i>Issued by Rakamin Academy</i>	May 2023

TECHNICAL SKILLS

Program Language: Python, Jupyter Notebook, SQL, HTML5/CSS, Javascript, Java (Netbeans IDE)

Tools and Technologies: Google Data Studio, Power BI, MySQL, phpMyAdmin, MongoDB, Microsoft Office, Github, Trello, Notion.

Industry Knowledge: Exploratory Data Analysis, Data Visualization, Data Scraping, Data Transformation, Time Series Analysis, Sentiment Analysis, Machine Learning, Data Integration, Data Warehouse Design, Database Management System (DBMS), Teaching and Story Telling, Project Management, Collaboration and Teamwork, Public Speaking and Communication.