

# Kelvin Jonathan Yusach

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Github : [github.com/Kelvinjojoo](https://github.com/Kelvinjojoo)  
Personal Web : <https://Kelvin-jonathan-yusach-portofolio/>

**Objective** I am a data science undergraduate with a creative background in photography and visual design. I'm looking for opportunities in qualitative analysis, machine learning, and user centered design to create meaningful, tech driven experiences.

**Education** **BINUS University Kemanggisan:** Sept 2023 - Sept 2027 (expected)

- GPA: 3,69
- Relevant Course: Machine Learning, Deep Learning, Database Technology, Data Mining and Visualization, Model Deployment
- Member of Bina Nusantara Computer Club (BNCC), 2023 - 2024
- Activist of Data Science Club (DSC), 2025 - present

**Project Experience** **PB Djarum Athlete Data Management System** 1 Aug 2025 - 30 Sep 2025

- Built a web-based data management system for PB Djarum badminton athletes (singles, doubles, and alumni). Designed features for CRUD operations, multi-criteria filtering, data export to Excel, search functionality, data pinning, and sticky notes for annotations. Implemented interactive charts on the main page to visualize data based on applied filters. Overcame challenges as PB Djarum initially had no centralized database, requiring consolidation of fragmented or undocumented records. Gained experience in problem solving, team collaboration, and adapting to limited IT resources by proposing and deploying a practical solution, while also learning valuable soft skills through meetings and events.

**Netflix Movies System Recommendation App** 29 May 2025

- This was a group project where we built a real time movie recommendation app that suggests five similar titles based on a user's selected movie. I was responsible for designing the content based recommendation system, and through this project, I gained valuable experience in team collaboration and building user relevant systems through meaningful feature extraction.

**Osteoarthritis Classification Using CNN** 16 Apr 2025

- Built a convolutional neural network to classify osteoarthritis severity levels from medical imaging data. Faced long training times and required extensive trial and error to optimize performance. This project taught me the value of persistence and that meaningful results often come from sustained effort and continuous learning.

**Team Productivity from clothing manufacturing company** 14 Apr 2025

- Developed both sequential and functional deep learning models to predict team productivity scores based on various operational factors. Faced challenges in data preprocessing and model tuning to prevent underfitting and overfitting. This project deepened my understanding of model architecture and taught me the value of patience, persistence, and designing systems that enhance human efficiency.

#### **Evolution of Netflix: Trends in Content Overtime** 29 Nov 2024

- Explored and visualized Netflix content trends using Tableau. Focused on designing intuitive, user-friendly dashboards to communicate insights clearly—even to non-technical audiences. This project honed my creative thinking, user-centered design mindset, and public speaking skills through direct presentation to users.

#### **Amazon-Like Website** 29 Aug 2024

- Built a simplified Amazon-like e-commerce website using JavaScript, HTML, CSS, and a custom backend. Simulated real shopping experiences from product selection and checkout to delivery time scheduling and item customization. This project sharpened my frontend and backend integration skills, user flow thinking, and patience through trial and error development.

<b>Certification</b>	Data Science Short Course - Professor Widom's Instructional Odyssey	Sep 2024
	Dicoding - Memulai Pemrograman dengan Python	Nov 2024
	Dicoding - Belajar Dasar Structured Query Language (SQL)	Nov 2024
	Dicoding - Belajar Dasar Data Science	Nov 2024
	Dicoding - Belajar Machine Learning untuk Pemula	Des 2024
	Dicoding - Belajar Dasar AI	Des 2024
	Dicoding - Belajar Analisis Data dengan Python	Des 2024

<b>Awards</b>	1st place Photography Aku Kamu Kita Indonesia Kemenpora	2020
	1st place Lunar Photography IPEKA	2022

<b>Extra Curricular Experience</b>	Badminton	2018 - present
	Leader of IPTO Photo Community	2021 - 2022
	Performer of IPEKA musical performing arts "Please Dong Deh"	2023

<b>Skills and Interest</b>	Technical: Python (TensorFlow, PyTorch, Keras), Streamlit, FastAPI, OOP, R, SQL, Pyspark, Tableau, HTML, CSS, JavaScript, Cisco, C, Figma, Adobe (Photoshop, Premiere Pro, After Effect, Illustrator)
	Languages: Indonesian, English

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Interests: Badminton, Photography, Videography, Drama, Painting, Arts, Singing