

SURYA PRIMA PRADANA

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A 3rd Year IT double degree student from Institut Teknologi Sepuluh Nopember and Universiti Teknologi Petronas who's interested in data science, data analysis, AI, UI/UX, and have studied programming, data analysis, and database management. Proficient at Bahasa Indonesia and English. Experienced in using Python, SQL, and machine learning libraries to solve problems. I'm currently seeking experience in Data Science, Data Engineering, Data Analyst, and also UI/UX.

EDUCATION

Universiti Teknologi Petronas | Perak, Malaysia

Bachelor of Information Technology

Jan 2025 - Present

GPA: 3.31 / 4.00

Areas of Knowledge: Data Science, Human-Comp Interaction, Computer Security.

Additional Information: Achieved Dean's List 2 times

Institut Teknologi Sepuluh Nopember | Surabaya, Indonesia

Bachelor of Informatics Engineering International Undergraduate Program (IUP)

Aug 2022 - Present

GPA: 3.07 / 4.00

Areas of Knowledge: Database Management, Network, Academic Writing.

TECHNICAL SKILLS

- **Programming:** Python (Pandas, NumPy, Scikit-learn), R, Java, C & C++ (Intermediate – algorithms, data structures)
- **Web Development:** Laravel & JavaScript (Intermediate – MVC apps, REST APIs, database integration), HTML/CSS (Intermediate)
- **Databases:** PHP, SQL (MySQL, PostgreSQL), TablePlus (Intermediate), MongoDB (basic)
- **Data Analysis & Visualization:** Excel (Pivot Tables, VLOOKUP), Power BI, Matplotlib, Seaborn, Canva
- **UI/UX & Prototyping:** Figma (advanced), Wireframing, Usability Testing
- **Machine Learning & AI:** Regression, Classification, Clustering, TensorFlow (beginner), Scikit-learn
- **Tools & Platforms:** Jupyter Notebook, Git/GitHub, Linux, GNS3, Notion

ACADEMIC PROJECTS

UClassroom for Campus Online Learning Website

Jan – April 2025

- Designed and prototyped an online learning system using Figma, incorporating features such as course management, timetable tracking, assignments, and centralized communication.
- Conducted requirement gathering and usability testing with students, achieving 70% "very satisfied" and 100% successful task completion, validating platform effectiveness.

Sleep & Lifestyle Clustering Analysis

May – June 2025

- Applied R and RStudio to clean, normalize, and prepare a 374-record dataset, then implemented K-Means clustering (k=3, Elbow Method) to segment student sleep and lifestyle patterns.
- Produced data visualizations (PCA, cluster plots) and proposed a deployment pipeline to help universities identify at-risk students and improve wellness support.

Customer Segmentation Project

September 2025

- Applied K-Means clustering on mall customer dataset (200 records, 3 features), using PCA for visualization and profiling of Age, Income, and Spending Score.
- Identified 6 customer segments (e.g., *Young Premium*, *Older Budget*) and proposed targeted marketing strategies based on spending behavior.

WORKING EXPERIENCE

Head of Product Development Wepeka Apparel, Surabaya	June 2025 - Present
<ul style="list-style-type: none">Design and develop the homepage UI/UX for the company website, improving navigation and overall user experience.Produce marketing copywriting and digital content aligned with brand voice, contributing to a 15% increase in customer engagement.Lead product development initiatives by conducting user research and coordinating cross-functional teams to deliver market-driven solutions.Key Skills: UI/UX Design, Copywriting, Market Research, Team Leadership, Digital Tools (Figma/Canva, Notion)	

ORGANIZATION

Head of Development on Human Resource Department <i>ITS Choir, Institut Teknologi Sepuluh Nopember</i>	February 2024- February 2025
<ul style="list-style-type: none">Led 3 long-term strategic HR projects, collaborating with top management and cross-departmental staff.Oversaw trimester evaluation processes for organizational events, collecting and analyzing member feedback to drive performance improvements.Designed and implemented a new monitoring system for 160 members, increasing event participation by 30%.	
Head of Fundraising <i>Schematics ITS, Institut Teknologi Sepuluh Nopember</i>	February 2024- December 2024
<ul style="list-style-type: none">Led 3 teams (kit attire, merchandise, fundraising) and optimized workflows using digital project management tools.Developed and maintained an inventory management system for merchandise using spreadsheets, improving stock tracking accuracy and reducing errors.Analyzed fundraising performance metrics, contributing to more data-driven financial decision-making leading to over 40 million Rupiah raised from sales.	

EXTRACULLICULAR ACHIEVEMENTS

Head of PSM ITS Goes to Karangturi 6 th International Choir Competition <i>ITS Choir, Institut Teknologi Sepuluh Nopember</i>	July - December 2023
<ul style="list-style-type: none">Designed and managed project timelines using digital tools, ensuring on-time delivery of tasks across 8 divisions and 40+ members.Allocated resources and coordinated workflows by analyzing team performance and adjusting task assignments to optimize efficiency.Achieved Gold Medals in Folklore and Mixed Category.	

LANGUAGE PROFICIENCY

IELTS IDP IELTS	October 2024 Overall Score: 7.0/9.0
TOEFL ITP TOEFL Indonesia	March 2022 Overall Score: 593/677
Bahasa Indonesia	Native Speaker
Bahasa Melayu	Advanced