

Putu Kartika Widya Arjentina

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Cikarang Utara, Bekasi Regency, West Java 17530, Indonesia

SUMMARY

I am a detail-oriented candidate with a strong foundation in data analysis and process optimization, eager to contribute as a Business Process Analyst or Data Analyst Intern. I aim to drive efficiency, deliver impactful insights, and support data-driven decision-making.

WORK EXPERIENCE

PT VIDIO DOT COM | *Business Process Analyst Intern*

August 2025 - December 2025

- **HR Process Improvements:** Contributed to HR process improvement initiatives focusing on operational efficiency.
- **Process Mapping with SIPOC & Swimlane:** Applied SIPOC and Swimlane frameworks to map HR processes and identify areas for improvement.
- **Presentation to Management:** Presented process mapping results to VP-level and management, providing data-driven improvement recommendations.
- **AppSheet Application Development:** Developed an AppSheet application to support automation and efficient HR process management.
- **Database Management with Spreadsheets:** Designed and managed spreadsheets as a database to support the HR process improvement application.

BPJS KETENAGAKERJAAN | *Data Analyst Intern*

March 2026 - May 2026

- **Developed a full-stack internal dashboard** with TypeScript (React) frontend deployed on Vercel and Python (FastAPI) backend deployed on Railway, for monitoring and analyzing service data (JKP, JHT, JKK, JKM, JPN).
- **Integrated multiple APIs** (Google Calendar, Groq, and Travily) to support holiday impact analysis, AI chatbot functionality, and data research.
- **Built forecasting models** using Prophet to analyze claim trends influenced by public holidays.
- **Developed an AI chatbot** to assist with data analysis, forecasting, and knowledge enrichment based on available data.

EDUCATION

PRESIDENT UNIVERSITY | *Information System in Data Science Concentration*

2023 – Present

- **Built a System Production Cycle** using Visual Studio Code (2025).
- **Built a Data Dashboard using Looker Studio** Created a dashboard to visualize trends and metrics during a data analysis test
- **Founded a shoe-cleaning business** with 30%+ revenue growth, earning IDR 1M+ monthly.
- **Contributed to a data-driven platform** aimed at detecting departmental performance drift and predicting student graduation time using key academic factors such as credit load, grades, attendance, course difficulty, and major changes.

SKILLS

- **Hardskill:** Python (pandas, matplotlib, seaborn, scikit-learn) | SQL | PostgreSQL | Microsoft Excel | Google Workspace | Tableau | Jupyter Notebook | Google Colab | Git | GitHub
- **Softskill:** Analytical Thinking | Problem Solving | Attention to Detail | Data Interpretation | Team Collaboration | Effective Communication | Adaptability | Intermediate English