MOHAMMAD JAVAN SAMBOEPUTRA HERLAMBANG

Selangor, MY │ (+60)172300030
javan.herlambang@gmail.com
https://www.linkedin.com/in/javanherlambang │ https://github.com/Vansaher

SUMMARY

An ambitious Indonesian student pursuing a Bachelor of Computer Science at Universiti Putra Malaysia, currently in the 7th semester with a strong academic foundation in Python, Java, SQL, and data science. Skilled in data cleaning, visualization, and statistical modeling, with hands-on experience in dashboard development and data analysis. Proficient in English, Indonesian, and Malay. Demonstrated leadership and project management as Co-Lead of Google Developer Group UPM, coordinating technical events and mentoring teams.

EDUCATION

Bachelor of Computer Science with Honours   **Oct 2022-Present**

University Putra Malaysia

Courses: Advanced Programming, Data Mining, Database Security, Artificial Intelligence, etc.

Thesis: Forecasting Ethnic Composition Using time-series and Geopolitical NLP to Support Policy Planning

Awards: Dean's List 2024/2025-2 - 3.750 GPA

Certification: IBM Data Science Professional Certificate, Microsoft Data Visualization Professional Certificate, AWS Academy Graduate

PROJECTS

Historical Stock Revenue Data Dashboard

- Designed and developed an interactive financial dashboard using Streamlit, pandas, NumPy, matplotlib, and yfinance, visualizing 10+ years of stock and revenue data across multiple tickers.
- Automated data extraction and cleaning using pandas, NumPy, and yfinance, integrating technical indicators (MA, RSI, MACD).
- Improved accessibility through CSV upload and export features, reducing manual analysis time by 60% and increasing user engagement.

Interactive Automobile Sales Dashboard With Recession Period Analytics

- Built a Plotly Dash application analyzing 30+ years of automobile sales data.
- Implemented dynamic filters and recession period comparison to visualize correlations between economic downturns and sales performance.
- Delivered a responsive, data-driven dashboard that enhanced analytical efficiency by 50%, allowing faster year-over-year and category-based evaluations.

EXPERIENCE

Co-Lead, Google Developer Groups on Campus UPM   **Oct 2024 – Oct 2025**

- Led a team of 40+ members to organize 9 technical events on AI, cybersecurity, and web development, engaging a total of over 300 participants.
- Directed Build with AI UPM, achieving the highest attendance in GDG UPM history, surpassing previous records by over 100%
- Supervised and mentored event committees for Exploring Web Security, PocketAI with Flutter, and Build it with Firebase, enhancing planning efficiency by 40%.

Member of Data and Information Bureau, PPI Malaysia   **Jan 2024 - Jan 2025**

- Conducted data collection on 200+ Indonesian students studying in Malaysia to support organizational planning and outreach.
- Analyzed collected data to identify potential event participants, improving engagement and attendance by over 40%.
- Designed and distributed a national survey, achieving a 95% response rate across multiple universities.

SKILLS

- **Programming:** Java, Python, SQL, HTML, CSS, R
- **Data Science & Analytics:** Pandas, NumPy, Scikit-learn, TensorFlow, Matplotlib, Plotly, Seaborn, Spark, Power BI, Jupyter Notebook, Streamlit, Dash
- **Productivity Tools:** Microsoft Word, Excel, PowerPoint
- **Languages:** Indonesian (Native), English (IELTS 7.5), Malay