



# GARIMAHDI ASTAGHFARI SUPANDI

+6282113608112 | [g.astaghfari@gmail.com](mailto:g.astaghfari@gmail.com) | <https://id.linkedin.com/in/garimahdi-a> | <https://github.com/Garimahdi>

Detail-orientated system analyst who has strong interest in data analytics and has pioneered new method on shortening data processing time by 42% and data visualization techniques using Python, SQL & Looker Studio to create a simple dashboard to communicate and propose the right strategy to the branch manager in order to boost multi-function printers selling based on various market variables.

## Work Experiences

### PT Astra Graphia Tbk. - Jakarta

Apr 2022 - Present

#### System Analyst

- Contributed in the scan application development using Visual Basic (VB), HTML, JavaScript, CSS & Git to gain profit by selling 5 customized scan applications in period of September - October 2022.
- Troubleshoot problems related to print management software that has been installed in the customer's print server. Including the print software SQL-based database.
- Analysed the business problem to formulate various strategies to increase branch office income by using Python for data analysis and Looker Studio for data visualization.
- Conceptualize and developed improvement idea for the company's printing reporting software to reduce counting difference compared to the billing report by less than 5% by utilizing linear regression predictive analysis.

### PT Piranti Tepat Indonesia - Jakarta

Nov 2021 - Apr 2022

#### Systems Analyst

- Analysed Yelo marketplace platform by Jungleworks to see whether the platform is user-friendly for small business owners to sell their products.
- Learned front-end web development (JavaScript programming, CSS & HTML) to build local CRM system for market analysis purpose.
- Analysed Acumatica enterprise resource planning (ERP) software and communicate the analysis with the sales engineer on how to implement the software on customers based on various IT infrastructure simulations.

## Education Level

### Universitas Indonesia - Depok, Indonesia

Aug 2016 - Aug 2020

#### Bachelor Degree in Physics, 3.26/4.00

- Thesis: Effect of Solutionizing and Ageing on Corrosion Behaviour and Crystal Structure of Aluminium Alloy 8090 in Bioethanol and Commercial Ethanol Environments.
- Investigated corrosion behaviour of Aluminium-Lithium alloy from microstructure analysis to inhibit corrosion process of the alloy using electrolysis, mass loss rate, and x-ray diffraction analysis methods.
- Discovered a method to slow down the corrosion rate of the alloy by 66%.

## Skills

SQL | Looker Studio | Python (NumPy & Pandas) | Git | Statistics | Data wrangling | Predictive analysis | Statistical modelling | Deductive reasoning | Data visualization | Teamwork | Task management | Problem solving | Excel

## Certification, Achievement & Data Analytics Portfolio

- Printing Reporting Software Failsafe** 🏆 (2023): Developed an idea to improve printing reporting software data extraction system by using linear regression predictive analysis.
- Movie Recommender System using Machine Learning** 🏆 (2021): Programmed a movie recommender system based from genre, actor/actress name & director and writer name similarities to make people easier to find other movies that are similar to the typed movie title.
- Data Analysis of COVID-19 Case in East Java** 🏆 (2021): Analysed cause of high COVID-19 death rate in East Java compared to the national death rate by utilizing data visualization skill using Python to get some ideas on how to reduce the death rate in East Java.
- Modules Taken** 🏆 (2021): Data Analyst Python Track by DQ Lab
- Achievement** 🏆 (2019): IOP Conference Series: Materials Science and Engineering, vol. 694, 2019