

# Fathin Afif

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Data enthusiast with a passion for empowering businesses through informed decision making. My journey includes expertise in the use of SQL, Excel, Tableau, and Python, as well as an interest in data analytics and machine learning. I am committed to ensuring sustainable growth and delivering strategic value through a combination of data science and business insights.

## WORK EXPERIENCES

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### Assosiate Data Analyst

Sejasa.com - Recommend Group

Jakarta Utara, Indonesia

Full-time | Aug 2023 - Present

Sejasa.com by Recommend Group simplifies the search for reliable Home Maintenance and Home Improvement professionals. With over 100k user registered and 100 service categories, including cleaning, aircon repair, renovation, and more, we connect customers with trusted service providers for a range of needs.

- Collaborate with cross-functional teams to provide analytics for assigned departments, working as a partner to identify, develop, and drive key analytics related to achieving targeted KPIs.
- Support data modeling and visualization efforts for actionable insights, aiding in reaching targeted KPIs.
- Conduct quantitative analysis, translating data from multiple systems into actionable insights.

### Blg Data Analytics - Project based Intern

PT Kimia Farma Tbk

Jakarta Utara, Indonesia

Remote | May 2023 - Jun 2023

- Designed a data mart by developing base and aggregate tables using MySQL.
- Created a dynamic sales report dashboard utilizing Looker Data Studio.

## PROJECTS

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### CarebyMom

Bangkit by Google

Aug 2023 - Jan 2024

Developed an application to assist pregnant mothers in monitoring their pregnancy health. The application allows pregnant mothers to input various parameters, performs predictions on the well-being of the pregnancy, and provides news and tips during pregnancy.

- Developed and fine-tuned machine learning models for accurate predictions.
- Created an API using the FastAPI library to facilitate seamless communication between the application and the backend.
- Deployed the API to Google Cloud Platform (GCP) using Docker and CloudRun, ensuring online accessibility for users through the application.

### Product Catalog Mapper

Data Science Weekend (DSW) 2023 - Data Science Indonesia

Nov 2023 - Oct 2023

- Led the team in cleansing and optimizing data, ensuring improved data quality and reliability, thus mitigating operational inefficiencies and reducing costs associated with overstocking or understocking.
- Developed a Flask web application, incorporating TF-IDF and cosine similarity algorithms in Python, facilitating user-friendly product mapping by processing free-text inputs and accurately matching them to the corresponding product SKUs in the catalog.

## Healthkathon 2023

Badan Penyelenggara Jaminan Sosial

Jun 2023 – Nov 2023

- Utilized Python for data wrangling and exploratory data analysis (EDA) to gain insights into the issues related to waiting times and queues.
- Created interactive dashboards using Tableau to visualize and communicate key findings effectively.
- Collaborated with the team to develop innovative solutions aimed at improving the overall service experience for BPJS Kesehatan participants.

## SKILLS & TOOLS

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### Hard Skills:

- **Programming Language:** Python
- **Libraries and Frameworks:** NumPy, pandas, Matplotlib, Seaborn, scikit-learn, TensorFlow, Flask, FastAPI
- **Database and Querying:** MySQL, PostgreSQL, T-SQL
- **Data Visualization:** Looker Studio, Tableau, Power BI
- **Others:** Git, Docker, Linux

### Soft Skills:

Communication, Problem-solving, Strong analytical, Adaptability, Collaboration, Attention to detail, Time management, Continuous learning

## EDUCATION

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### Syiah Kuala University

Bachelor of Engineering, GPA 3,27

Major in Industrial Engineering

Banda Aceh, Indonesia

2018 - 2023