

## DLIYA AWLIYA MUFIDAH

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### SUMMARY

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- Strong background in data analysis, visualization, and machine learning modeling.
- Experienced at leading projects and managing teams.

### EXPERIENCE

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#### Himpunan Mahasiswa Astronomi Institut Teknologi Bandung

Bandung, Indonesia

College student association for Astronomy.

##### *Secretary and Treasurer*

March 2024 – Present

- Managed financial records and transactions of 9 divisions in the organization using Google Sheets and Microsoft Excel.
- Created and maintained detailed financial reports to ensure budget transparency and accuracy.
- Streamline data entry processes to improve financial tracking and reduce errors.

##### **Outlier**

Indonesia (Remote)

Innovative companies that improve their AI models by providing human feedback.

##### **AI Trainer**

June 2024 – October 2024

- Trained AI model replies based on the prompt with strong research, analytical, and writing skills both in Indonesian (native) and English (intermediate).

### EDUCATION

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#### Institut Teknologi Bandung

Bandung, Indonesia

Final-year of Astronomy undergraduate major.

August 2021 – Present

- Honor: Dean's List honor (2022, 2023, 2024).
- GPA: 3.63/4.00.

#### Bangkit Academy 2024 Batch 2

Indonesia (Remote)

Career readiness program led by Google and delivered support from Goto and Traveloka.

##### **Machine Learning Cohort**

September 2024 – January 2025

- Designed a product-based capstone project utilizing TensorFlow, Pandas, and Matplotlib, covering the full data pipeline from collection to deployment.
- Graduated with an average score 91.90 and 100% attendance.

### PROJECT

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#### Credit Risk Prediction with Machine Learning

January 2025

- Designed credit risk prediction using Logistic Regression, Random Forest, and XGBoost with domain knowledge of the multifinance sector.
- GitHub repository: [github.com/dliyamuf/credit\\_risk](https://github.com/dliyamuf/credit_risk)

#### Bangkit Capstone Project

October 2024 – December 2024

- Processed and visualized large datasets (up to 51,000 rows per object) using Python libraries (Pandas, NumPy, Matplotlib).
- Built machine learning models (DNN, LSTM, RNN) with TensorFlow, achieving >90% accuracy and low error metrics (MAE < 0.51 and MSE < 0.87).
- GitHub repository: [github.com/batani2024](https://github.com/batani2024)

#### Stellar Classification with Machine Learning

September 2023 – November 2024

- Developed classification models (Random Forest, Decision Tree, Gaussian Naïve Bayes) with Scikit-learn, achieving >95% accuracy.
- Visualized classification performance using advanced Python libraries (Seaborn and Matplotlib).
- GitHub repository: [github.com/dliyamuf/stellar\\_classification](https://github.com/dliyamuf/stellar_classification)

### SKILLS

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**Technical skills:** Python | Google Sheet | Ms Office (Excel, Word, Power Point) | Looker Studio | SQL

**Soft skills:** Analysis | Problem-solving | Teamwork | Project management | Adaptability | Communication