

Siti Sarah Amirah Hannes

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SKILLS

- High-Level: Machine Learning, Data Analysis, Data Visualization
- Languages: Python, SQL
- Frameworks: Pandas, Matplotlib, PyTorch, TensorFlow, Scikit-Learn, LightGBM, Ggplot2
- Tools: Github, GCP, ClickUp, Docker, Tableau
- Certification: JLPT N2

EDUCATION

Master of Science (Data Science), March 2022
UNIVERSITY OF TECHNOLOGY MALAYSIA

Bachelor of Applied Biology, Hons (Biotechnology), July 2016
UNIVERSITY OF SCIENCE MALAYSIA

WORK EXPERIENCE

Junior Data Scientist, Bottomless

Aug 2022 – Present

- Developed and implemented a predictive model for order automation, boosting daily operational efficiency by 19%.
- Engineered a rule-based automation process, cutting the time required for a daily task by 50%.
- Utilized Docker for testing and validating pre-production scripts.
- Identified and rectified critical production bugs, significantly enhancing workflow efficiency.
- Conducted data analysis and visualizations, delivering actionable insights to internal stakeholders.

Data Scientist Intern, DHL Express Malaysia Sdn Bhd

May 2021 – Oct 2021

- Developed Python script to automate data extraction via internal API, improving data ingestion workflow.
- Extracted and analyzed insights from large structured and unstructured datasets.

Quality Auditor, Accenture Technology Solution Sdn Bhd

Jul 2019 – Oct 2020

- Built and maintained KPI and metrics dashboard using Power BI.
- Produced actionable insights and mitigation strategies through data analysis.
- Provided one-on-one coaching and technical support as a subject matter expert.
- Led weekly team meetings.

PROJECTS

[Tweet Sentiment Analysis](#) (GCP, MLFlow, Scikit-Learn, Streamlit, Altair, Github Action)

- Developed and served end-to-end CI/CD pipeline supported by GCP, Github Actions and MLFlow.

- Trained sentiment analysis model with final accuracy of 92%.
- Scheduled data integration using Twitter API into ETL pipeline for continuous deployment.

[Tableau Sales Dashboard](#) (Tableau)

- Built a sales performance and strategic planning dashboard.

[Image Segmentation](#) (Tensorflow)

- Fine tuned pre-trained model for image segmentation task.
- Final accuracy 99.37%.