

Siti Sarah Amirah Hannes

Johore, Malaysia

Website: <https://sarahhannes.github.io>

Email: siti.sarah.a.hannes@gmail.com

Github: github.com/SarahHannes

Phone: (60) 12-7425 435

LinkedIn: www.linkedin.com/in/hannes-sarah

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

CGPA: 4.00

Bachelor of Applied Biology, Hons (Biotechnology), July 2016

UNIVERSITY OF SCIENCE MALAYSIA

WORK EXPERIENCE

Data Scientist, Bottomless

Aug 2022 – Present

- Successfully developed and implemented a new predictive model, resulting in a 19% increase in daily work efficiency.
- Developed a new rule-based automation process, reducing manual process duration by nearly 50%.
- Utilized Docker for testing and validating pre-production release scripts.
- Diagnosed and resolved critical production bugs, significantly improving workflow.
- Conducted data analysis and visualizations, providing recommendations 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%.