



ABOUT ME



As a recent graduate in Electrical Engineering from UiTM, I have developed a passion for leveraging data to drive meaningful insights. My academic journey has fueled my enthusiasm for data analysis, and I am eager to apply my analytical skills in a data-centric role. Committed to contributing to innovative solutions, I aim to make a positive impact in the field of data analytics.

CONTACT



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Links:
<https://maeltwosinggit.github.io/Portfolio/>

SKILLS



Programming Languages

Python, SQL, HTML / CSS

Data Analysis Tools

MS Power BI, Tableau,
MS Excel

Technical

Data QA/QC, Data Governance,
Dashboard Development, Data
Cleaning, CAD Software

Project Management

Cross-functional Team Leadership,
Stakeholder Communication

Ungku Mohamed Ismail Adrian

bin Ungku Abdul Rahman

Data Analyst

EXPERIENCES

Lead Data Analyst

2023 - Present

PETRONAS (Upstream Digital & Technology) via Averroes Data Science Sdn Bhd

Project: Upstream Surface Data Platform (USDP):

- Led the data governance team for the USDP project, ensuring data quality across multiple systems.
- Implemented data governance frameworks following DAMA DMBOK guidelines, ensuring robust data quality, security, and metadata management.
- Developed and standardized naming conventions for data management, enhancing data consistency
- Conducted extensive data mapping and quality checks.
- Optimized data processing scripts, reducing runtime by over 95%.
- Developed and managed the USDP Data Quality Dashboard using Power BI, providing actionable insights to stakeholders.
- Key person on AVEVA AIM-A in ISM configuration.
- Collaborated with cross-functional teams and stakeholders, ensuring smooth project progress and effective communication.

Data Analyst

2022 - 2023

Project: Petronas Upstream Reliability Data Analytics (PUREDA):

- Performed data QA/QC to ensure data integrity and quality.
- Developed interactive dashboard visualizations using MS Power BI.
- Leveraged AVEVA AIM for efficient data processing and management.

Food Delivery Rider (Career Transition)

2021 - 2022

Delivery Hero Malaysia Sdn Bhd

Performance Assessment:

- Tracked and analyzed daily delivery data using MS Excel, implementing data analysis tools such as Pivot Tables to monitor performance.
- Developed a simple Android application using Java for enhanced customer engagement.
- Conducted Covid-19 impact analysis using Python, and performed exploratory data analysis with MySQL and Tableau.

Electrical Engineer

2020-2021

System Protection & Maintenance Sdn Bhd

Solar Department:

- Executed plans for solar system development, monitoring, and evaluation.
- Designed PV systems for various building types using CAD software.
- Created electrical Single-Line Diagrams and provided technical direction for installation and commissioning.

EDUCATION

Bachelor of Engineering (Hons.) Electrical Engineering

2017 - 2020

Universiti Teknologi MARA I Shah Alam

CGPA - 3.67

Dean's List Award for 5 out of 6 Semesters

Diploma in Electrical Engineering (Electronic)

2014 - 2017

Universiti Teknologi MARA I Dungun

CGPA - 3.78

Vice Chancellor's Award

REFERENCE

Sura Venkata Srikanth
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