

PROFILE

Thorough, meticulous, teamwork-oriented and trilingual Data Analyst with an engineering background, has acquired advanced knowledge in the data analytics field. Actively participating in programs/events in the community to explore life in analytics teams by accomplishing tasks on data preparation and insights. Passionate about increasing data efficiency and designing rich dashboards to communicate ideas to business partners.

AREAS OF EXPERTISE

- ◇ Python, R Programming (ETL)
- ◇ SQL (SQLite, PostgreSQL, T-SQL)
- ◇ NoSQL with MongoDB
- ◇ Descriptive statistics
- ◇ Data Storytelling
- ◇ Tableau, MS Power BI (DAX), Qlik
- ◇ Exploratory Data Analysis
- ◇ Advanced Microsoft Excel (Macro)
- ◇ Malay, English, French, Chinese

PROFESSIONAL EXPERIENCE

Data Analyst at Mr D.I.Y. Trading, Seri Kembangan, Selangor. April 2021 - Present

- ◇ Manage and implement data collection systems from various databases via SQL scripting; optimise 80% data extracting process and maintain data integrity with 0% error rate.
- ◇ Build, automate and maintain the existing operational reports involving data cleansing using Excel macro; increasing the team working efficiency by reducing 90% the time and effort in manipulating large data sets.
- ◇ Spearhead the team in analysing overseas warehouse and outlet inventories patterns and trends; improve business operation, derive actionable insight and provide recommendations to business stakeholders.
- ◇ Coordinate with cross-functional team on the schedule of stock outbound to 700+ Mr Diy, 50+ Mr Toys and 50+ Mr Dollar outlets in Malaysia; ensure proper execution and 100% matching with the extracted data.
- ◇ Design 10+ effective warehouse layouts from floorplans using Sketchup and CAD software for future warehouses in Malaysia, Turkey, Spain and India; perform analyses and present recommendations on the warehouse capacity storage.

Intern as Coastal Engineer Assistant at Artelia, Échirolles – France. February 2020 - September 2020

- ◇ Performed initial analysis on 3 existing vertical face breakwater structures managed by Artelia to assess the quality of the data; strongly managed to extract and collect 100% of the data to continue the project.
- ◇ Reviewed and analysed the new standard EN1991-1-8 and the project report together with hydraulic team members; efficiently uncovered 15 lacks of information based on the previous standard rules used.
- ◇ Pioneered the new standard by carrying out stability studies on 3 selected structures, compared and analysed the result using internal software; prepared reports based on analysis and presented it.

Intern as Manpower Planner Assistant at Petronas, Kuala Lumpur. June 2019 - September 2019

- ◇ Extracted and integrated the Manpower Planning for Petronas' projects from the database; then transformed it into an effective internal tool for easy use, slightly increase 5% working productivity.
- ◇ Identified and revised 3 months de-mobility Petronas staff for the project management team based on the generated Manpower Planning; reduced 70% of the shortages and surpluses in the offshore projects.
- ◇ Revised Petronas' project organisation charts as Project Management Office Department trainee; organized 100% required project data.

EDUCATION/CERTIFICATION

Data Analyst Certificate from Data Star Program by The Center of Applied Data Science, KL, Malaysia	2021
Master's Degree in Hydraulic and Civil Engineering at INP Grenoble – Ense3, France	2020
Bachelor's Degree in Civil Engineering at Université Grenoble Alpes, France	2018

EXTRA CONTRIBUTION

Data Business Analyst at The Fourth R March 2021 - Present
Performing data analysis to understand customers' journey using statistical tools, paying particular attention to trends and patterns that could be valuable for diagnostic in order to identify the value drivers associated with the current project.

French Language tutor for Malaysian students in Morocco and Japan September 2019 – Present
Conducting tutoring sessions, reviewing 20 curricula syllabus and assignments for 60+ beginner learners. Identifying areas of improvement and providing students constructive feedbacks.