

Cheah Cheng Qian

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PROFESSIONAL EXPERIENCE

Swap Asia

Data Analyst

Kuala Lumpur, Federal Territory of Kuala Lumpur

May 2023 – Present

- Analyzed discrepancies between Loader file and PSTS, troubleshoot and resolved data issues on Loader file, amounting to 450k+ records, resulting into above 98% data accuracy and consistency
- Coordinated process gaps and cooperated with business analyst to propose sustainable short-term & long-term solutions for mitigating data inconsistencies, leading to a reduction in data error rate by 30%
- Proposed findings through data storytelling with actionable insights to senior management, fostering transparency and informed data driven decision making, resulting in a 8.4% increase in revenue in the device protection category
- Performed data cleaning necessary for predictive models by validating information of 3500+ subscribers extracted from MySQL database, improving overall data integrity by 10%
- Collaborated with project manager in handling various tasks, which includes manual user guide documentation, UAT, and content creation, ensuring alignment of project activities with SDLC principles

NielsenIQ

Data Processing Specialist

Petaling Jaya, Selangor

February 2023 – May 2023

- Conducted a comprehensive analysis of coding, data input validation, and client instructions environments; identified key gaps and areas for improvement, resulting in a 20% reduction in coding errors
- Processed large datasets comprising over 150 item products within tight time constraints, achieving an accuracy rate of above 95%, ensuring minimal quality escape by implementing effective quality control measure
- Collaborated with a team of 10+ data specialists and the operations manager on a Q1 2023 country team transition project
- Implemented a string-matching automation tool, cutting weekly data processing time from 2-3 hours to 30-45 minutes

Worldline

Software Engineer Intern

Kuala Lumpur, Federal Territory of Kuala Lumpur

October 2022 – January 2023

- Determined requirement specifications and analyzed product changes, resulting in 15 classified changes, which led to a 20% improvement in product functionality and alignment with business needs
- Designed and coded programs using the COBOL programming language, adhering to technical specifications, and delivering high-quality code that met project requirements and standards
- Carried out system testing according to the test plan, resolving 25 critical defects with a 98% resolution rate

Universiti Tunku Abdul Rahman

Research Assistant

Kampar, Perak

December 2021 – December 2022

- Conducted data analysis for quantitative research to produce preliminary empirical data analysis report
- Performed data collection from university students which aims to assess critical factors influencing the adoption of Cloud Business Intelligence in Higher Education Institutes
- Conference paper was accepted by 4th International Conference on Multi-Disciplinary Research 2022 (ICMRE22), organized by MOHE @ <https://myjms.mohe.gov.my/index.php/ijtmis/article/view/20852/11380>

EDUCATION

Universiti Tunku Abdul Rahman

Bachelor in Business Information Systems, Information Technology

Kampar, Perak

Graduation Date: January 2023

- Organizations/Awards: UTAR Computer Society, Undergraduate Research Scheme certificate, UTAR Soft Skill Development certificate, Malaysian University English Test certificate

Universiti Tunku Abdul Rahman

Foundation in Accountancy and Management

Kampar, Perak

Graduation Date: September 2018

RELEVANT PROJECTS

A Visualized Analysis On Student Performance Using Cloud Business Intelligence

- Performed an extensive data collection process, capturing and extracting crucial information on students
- Utilized advanced visualization techniques to transform raw data into visually appealing and informative graphical representations, which then facilitated effective decision-making processes

More Projects : <https://github.com/cheahcq99>

ADDITIONAL

Skills : Power BI, Tableau, Python, SQL, R, IBM Cognos Analytics, Excel, JavaScript, Anaconda Navigator, ETL Pipeline, Jira

Languages : English(Native), Malay(Fluent), Cantonese(Fluent), Chinese(Conversational)

Certifications : IBM Data Analyst Professional Certificate (2023)