

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%
- Successfully delivered the Learning Management System (LMS) project within 6 months, which will be used by over 250+ Maxis outlet staff locally

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)