Data Analyst

KANTAPONG WONGSANGUAN

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Recent IT graduate with experience in SQL, Power BI, Python, and database modeling, delivering data-driven insights for business decisions. Passionate about analytical thinking and statistical analysis, data cleaning, and visualization with BI tools, with a proven track record of working on real-world projects.

Education

BACHELOR OF INFORMATION TECHNOLOGY – James Cook University – Singapore Campus, SG   2022 – 2024
Graduated and Accredited by the Australian Computer Society (ACS), GPA: 3.38 (U.S. Scale)
BACHELOR OF AERONAUTICAL AND AEROSPACE ENGINEERING– University of Leeds – Leeds, UK   2019 - 2022
Transferred to Singapore (2nd Year) Majors: Aeronautical and Aerospace Engineering, School of Mechanical Engineering

Skills

Python
Libraries: pandas, matplotlib, numpy, Seaborn, sklearn, selenium, etc.

SQL
Skills: Relational Databases, ETL, Data Manipulation (subqueries, CTEs, window functions, aggregate functions, etc.)

Excel
Data Management, Pivot Tables, VLOOKUP, SUMIFS, etc.

Power BI
Tools: DAX, APIs, Power Query, Automated Dashboard

Project Management
Scrum, Sprints, Agile methodologies

Soft Skills
Data Presentation, Communication Effectively, Work Collaboratively

Certificate

GOOGLE DATA ANALYTICS PROFESSIONAL CERTIFICATE – In progress   Nov 2024
IBM PYTHON FOR DATA SCIENCE, AI & DEVELOPMENT – Completed   Nov 2024
INTRODUCTION TO DATA SCIENCE BY UNIVERSITY OF MICHIGAN – Completed   Sep 2024
CERTIFICATE OF EXCELLENCE BEST DESIGN PRESENTATION – JCU Design Sprint SP53 2023   Jan 2024

University Projects

TOMAN BIKE SHARE KEY PERFORMACE METRICS – SQL & PowerBI   Aug 2024
- Analyzed bike-sharing data using SQL to uncover customer usage patterns and optimize resource allocation strategies.
- Created interactive Power BI dashboards showcasing key performance metrics, enabling data-driven decision-making

SALES KPI DASHBOARD – Excel, SQL, PowerBI   Jul 2024
- Used SQL to analyze sales data and track performance indicators, including revenue growth, profit margins, and customer trends.
- Built dynamic Power BI dashboards to visualize sales performance, product demand, and customer demographics.
- Identified key insights that supported inventory optimization and marketing strategy enhancements, driving business growth.

ONLINE RETAIL SALES ANALYSIS – Excel & Python   April 2024
- Preprocessed and cleaned retail data using Python, resolving issues such as missing values and duplicates to ensure accuracy.
- Automated product categorization through Python scripting, improving data organization and reporting efficiency.

ACTIVEKIDS SPORTS TRAINING SCHOOL DATABASE – SQL – University Project   March 2023
- Designed and implemented a MySQL database to manage multi-branch operations for a sports training school.
- Developed efficient database schemas and queries to streamline data storage, retrieval, and reporting processes.

Extracurricular Activity

VICE-PRESIDENT JCU FOOTBALL CLUB – James Cook University   December 2023 - August 2024
[PART-TIME JOB] BARTENDER & WAITER – Sukhothai South Parade – Leeds, United Kingdom   October 2021 - June 2022