MUHAMMAD HARITS AKMAL BIN SALBERI

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Portfolio: https://haris-akmal.github.io/portfolioharits/

Summary

Business and data driven graduate with hands on experience in business operations, client coordination, data analysis, and reporting. Proven ability to translate complex data into actionable insights that support business growth, operational efficiency, and strategic decision making. Strong communicator with experience working across teams and stakeholders, suitable for roles in business development, analytics, and administration.

Core Skills

Business & Operations
- Business Operations Support
- Client & Stakeholder Coordination
- Reporting & Documentation
- Process Improvement
- Administrative & Data Management

Data & Analytics
- Data Cleaning & Preparation
- Dashboard & Visual Reporting
- Trend & Performance Analysis
- Statistical & Predictive Analysis

Tools & Technologies

- **Microsoft Excel:** Expert in data cleaning, analysis, and visualization (PivotTables, formulas, charts)
- **Power BI:** Experienced in building interactive dashboards, DAX, KPIs, and business reporting
- **Python:** Basic skills for data analysis and cleaning
- **MySQL:** Beginner in querying and managing relational databases
- **SAS Studio:** Beginner in statistical analysis and predictive modeling, including regression
- **IBM SPSS:** Beginner in statistical testing, regression modeling, and survey data analysis
- **AI & Automation Tools:** Experienced in leveraging AI for SQL queries, data insights, and workflow efficiency

Experience

Freelance Business, Data & Operations Support

Team ADD+ | May 2024 — Present

- Supported business operations by preparing and managing invoices, payment records, and financial documentation across multiple client projects.

- Performed **accurate data entry and validation** of financial, transactional, and operational records, ensuring data consistency and reliability for reporting purposes.

- Coordinated directly with clients to understand business requirements, clarify reporting needs, and ensure timely project delivery.

- Analyzed operational and transactional data to identify inefficiencies, contributing to process improvements and better decision making.

- Structured, cleaned, and standardized datasets, improving reporting efficiency by **20–35%** and reducing recurring data issues.

- Designed interactive dashboards and visual reports using **Excel and Power BI**, enabling stakeholders to interpret insights up to **40% faster**.

- Conducted data quality checks by identifying missing values, duplicates, and inconsistencies, improving overall data accuracy by **28%**.

- Prepared clear summaries and documentation for non-technical stakeholders, strengthening communication between technical and business teams.

- Demonstrated strong problem-solving and analytical thinking through hands-on collaboration on projects with diverse data challenges.

Data Management & Analytics Intern

Majlis Agama Islam Negeri Sembilan (MAINS) | Oct 2025 — Jan 2026

- Cleaned and structured large socio-economic and zakat datasets, reducing data errors by approximately **25%**.

- Optimized data preprocessing workflows, reducing data cleaning time by **20–30%**.

- Organized and documented government datasets, improving data accessibility by **40%** and reducing file retrieval time.

- Developed user friendly **Power BI dashboards**, improving reporting efficiency by **30%** and accelerating insight interpretation.

- Supported socio-economic trend analysis contributing to planning insights for the **2026 MAINS performance report**.

- Assisted in preparing analytical summaries, shortening reporting turnaround time by **20%**.

- Applied statistical analysis and predictive modelling using **SPSS** to forecast Asnaf population (2030–2040), supporting long-term zakat distribution planning and policy decisions.

- Contributed to improved data security compliance, reducing inconsistencies and unauthorized handling by **15%**.

Project

Pharmacy Sales & Profitability Analysis

Tools: Power BI, Power Query, Excel

- Analysed pharmacy transactional data to evaluate sales performance, profitability, and branch level performance trends.

- Performed data cleaning and transformation using Power Query, correcting data types, handling inconsistencies, and ensuring data accuracy.

- Designed a structured data model integrating sales, cost, branch, and promotion data for efficient reporting.

- Created DAX measures to calculate key KPIs including Total Sales, Total Profit, Profit Margin, Average Sales per Transaction, and Promotion Impact.

- Developed an interactive Power BI dashboard to monitor revenue trends, margin performance, and branch efficiency.

- Identified variations in profitability across branches and highlighted the impact of promotions on revenue growth and margin reduction.

Hotel Customer Satisfaction & Sales Analysis

Tools: Power BI, Excel

- Analysed hotel transaction and customer satisfaction data to identify relationships between **customer experience and sales performance**.

- Cleaned and transformed datasets using **Power Query**, correcting data types, removing duplicates, and standardizing labels for accurate analysis.

- Built a **star schema data model** with fact and dimension tables to support scalable reporting.

- Created **DAX driven KPIs** including average rating, satisfaction rates, total sales, and average sales per customer.

- Developed an interactive **Power BI dashboard** to compare performance across hotels, regions, customer segments, and membership types.

- Identified that **higher satisfaction ratings correlate with higher sales**, with membership customers showing stronger spending behaviour.

Final Year Project: Reconstruction of Mosque Geometry Using Bézier Curves

Tools: MATLAB GUI

- Developed a mathematical modelling approach using Bézier curves to accurately reconstruct architectural features of Sri Sendayan Mosque, including domes, arches, and motifs.

- Compared Bézier (degree 2–5) and Wang Ball curves for precision and computational efficiency, identifying degree 3 Bézier curves as optimal for smooth and accurate designs.

- Implemented MATLAB GUI for curve visualization and interactive design modelling, enhancing computational efficiency and flexibility.

- Demonstrated the value of mathematical modelling for digital preservation of cultural heritage structures.

- Applied manual and computational techniques to identify control points and validate design accuracy, laying groundwork for future research using advanced curves (e.g., NURBS).

Key Skills: Mathematical modelling, CAD-style design, MATLAB GUI, digital preservation, precision and efficiency analysis

Education

Bachelor of Science (Hons) Management Mathematics
Seremban, Negeri Sembilan | 2022 — 2026

Matriculation Program in Science
Matriculation Certificate | Negeri Sembilan | 2020 — 2022

Sekolah Menengah Dato' Sheikh Ahmad
Sijil Pelajaran Malaysia | Negeri Sembilan | 2015 — 2019

Certification

- **Introduction to Python for Data Analysis** — DataCamp (2024)
- **SQL Server for Data Analysis** — Alison (2025)
- **Regression Modeling Fundamentals** — Coursera (2026)
- **Introduction to Tableau** — Coursera (2026)
- **Generative AI-Powered SQL Data Analysis** — Coursera (2026)

Language

- Malay — Fluent
- English — Intermediate