

OSMAN BIN ISMAIL

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PROFILE

Data Science graduate with practical experience in data analysis, NLP, and Python programming. During an internship at Accenture, helped build a structured tracker consolidating reporting across 9 subsidiaries on a multi-source data project. Final-year project applied Transformer-based NLP to web article summarisation. 1st Runner-Up at a 40-hour hackathon, building an AI-powered graduate-opportunity matching tool. Actively continuing to upskill through industry programmes. Seeking data analyst, AI engineer, or data science roles.

WORK EXPERIENCE

Data Science Intern

March 2025 – August 2025

Accenture Solutions Sdn Bhd | Kuala Lumpur, Malaysia

- Consolidated reporting across 5+ subsidiaries into a single structured tracker, freeing senior staff to focus on higher-value analysis.
- Mapped semi-structured datasets from multiple subsidiaries to a standard reporting template, identifying which fields could be directly aligned, transformed from existing data, or required reconstruction.
- Conducted data analysis in Excel to surface findings for senior stakeholders.
- Prepared project documentation and PowerPoint decks for team status updates and project tracking.

EDUCATION

BSc (Hons) Computer Science — Data Science

October 2021 – October 2025

Universiti Kebangsaan Malaysia (UKM) | CGPA: 3.75

- Key modules: Data Engineering, Machine Learning, Text Analytics, Statistical Analysis, Database Systems.

Final Year Project: Transformer-Based Web Article Summarisation

- Developed a web article summarisation tool using NLP techniques, making deliberate design choices to balance accuracy with computational efficiency.
- Solved a practical constraint, documents too long for the model to process, by breaking them into manageable parts and combining the outputs into a single coherent summary.
- Improved output quality by incorporating related linked articles alongside the source content, resulting in more complete and contextually aware summaries.

Foundation in Physical Science

August 2020 – April 2021

Universiti Malaya (UM)

PROGRAMMES & ACHIEVEMENTS

Sekodlah Techive Programme

April 2026 – May 2026

Intensive upskilling in data analytics, AI, and cloud computing

- 1st Runner-Up** — 40-hour hackathon. Built *TechOrbit*, an AI-powered tool that matches fresh graduates with relevant events and opportunities.
- Completed structured training covering data analytics, AI, and cloud computing fundamentals.

Programming Club, UKM — Committee Member

November 2022

- Coordinated a university outreach programme — liaised with schools, managed communications, and gathered feedback.

ADDITIONAL EXPERIENCE

Mathematics Tutor (Part-Time)

October 2025 – January 2026

- Taught mathematics to 3 primary and secondary school students, adapting explanations to different learning levels and tracking individual progress.

Data Verifier (Temporary)

October 2024

- Verified up to 200 application forms daily against supporting documents, identifying discrepancies and ensuring submission accuracy under tight turnaround.

CERTIFICATIONS

- **Microsoft Certified: Power BI Data Analyst Associate (Feb 2025)**
- **Microsoft Certified: Azure Data Fundamentals (DP-900) (Feb 2025)**

TECHNICAL SKILLS

Languages: Python, SQL, Java

BI & Reporting: Power BI, Data Studio, Microsoft Excel

ML & NLP: Hugging Face Transformers, Text Summarisation, TF-IDF, Neural Networks

Cloud & Data: Microsoft Azure (Data Fundamentals), Google Cloud