

Mingkai Wang (She/Her)

Vancouver, BC (Willing to relocate) | mingkai12345678@gmail.com |
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Professional Summary

Curious and detail-oriented data analyst with expertise in Microsoft tools, data visualization, SQL, and Python. Hands-on experience delivering end-to-end academic and professional projects. Passionate about transforming complex, disorganized data into clear and actionable insights that drive operational efficiency and faster decision-making. Skilled in cross-functional collaboration and communicating insights to both technical and non-technical stakeholders.

Work Experience

Data Science

RSM SG Assurance LLP

Mar 2025 – Sep 2025

Singapore (On-site)

- Delivered inventory costing analysis and another for real-time SQL server-driven monitoring dashboards by **Power BI**. These dashboards improved financial data visibility and reduced manual tracking time by over 60%.
- Created **Alteryx** macros for missing file detection, fiscal year tagging, and automatic file renaming, reducing manual verification efforts by more than 70%.
- Used **Python** scripts to extract and parse JSON-based API results into MongoDB, enabling faster report generation and improved data consistency.
- Fast and efficient delivery of an end-to-end project, which started with designing and building a database in **SMSS**, matching API data in parallel, and visualizing real-time updates through a live dashboard.
- Effective **communication and collaboration** with DS members, the MIS department and other stakeholders to align technical solutions with operational needs, improving team efficiency and audit readiness to meet the requirements of stakeholders.
- Researched **AI-driven productivity tools** such as Microsoft/Alteryx Copilot and AWS, evaluating their use in audit automation workflows; assessed A/B testing processes; and wrote documentation outlining use cases, risks, and

recommendations for adopting Copilot-style AI findings with internal teams to inform future decisions on responsible AI integration in audit environments.

Education Background

Master of Science in Business Analytics

Nanyang Technological University, Singapore.

Aug 2024 – June 2025

Peer Leader, Overall Grade A (*Including Programming, Operation Analytics & Machine Learning, Design Thinking & Database Management, AI & Big Data in Business, Business Strategies, RPA & Cybersecurity, R, etc.*)

Bachelor of Arts in Psychology

University of British Columbia, Canada.

May 2022 – May 2024

Research Assistant

Associate of Arts in Commerce (honours)

University Canada West, Canada.

Jan 2020 – Apr 2022

Scholarship Award, Peer Leader

Hobbies

Pilates | Muay Thai | Food | Aesthetics | Group Activities | Travelling | Movies | Pet-lover