

UMANG KOCHAR

Data Analyst | Operational Reporting | SQL & ETL | Power BI | Stakeholder Engagement
Adelaide, SA | 0403 785 648 | umangkochar1@gmail.com | [linkedin.com/in/umangk01](https://www.linkedin.com/in/umangk01) | Work Rights: Temporary Graduate Visa (485, valid to 2027)

PROFESSIONAL SUMMARY

Data Analyst with a **Master of Data Science** and hands-on experience in **operational data analysis, SQL-based data validation**. Proven ability to **maintain and improve data quality, build operational dashboards**, and translate complex multi-source datasets into clear, decision-ready insights for non-technical stakeholders. Experienced in **UAT facilitation, requirements elicitation, and cross-functional collaboration** across institutional and enterprise environments.

SKILLS

Data & SQL: Advanced SQL (data validation, backfilling, bulk updates, CTEs, window functions) | Python (pandas) |
Reporting & BI: Power BI (DAX, semantic models, KPI frameworks) | Microsoft Fabric | Azure | Data quality assessment | Dashboard development | Tableau | Excel (Power Query)
Business Analysis: Requirements elicitation | BRD/FRD | UAT planning | Process mapping | Stakeholder workshops | Operational documentation | Agile/Scrum
Platforms & Tools: Microsoft Dynamics 365 (MB-900, MB-230 Certified) | PL-900 Power Platform | Jira | Confluence |

EXPERIENCE

- Data Analyst - Analytics & Reporting** | *MQ Centre of Applied AI | Sydney, NSW* Jul 2025 - Jan 2026
- Designed and deployed a production **Power BI reporting platform** across 3 departments, building **Azure Fabric-connected semantic layers, DAX KPI measures**, and shared dimensions processing **10,000+ rows of multi-source operational data**, reducing manual reporting effort by 40%.
 - Engineered **SQL and Python ETL pipelines** to extract, cleanse, **validate, and backfill data** from disparate sources; documented **transformation rules and data quality standards** to support incident investigation, system configuration changes, and long-term maintainability.
 - Facilitated structured **UAT cycles and stakeholder workshops** with academic and operations teams; presented **operational dashboards and data findings** directly to the Academic Board, translating complex data movements into actionable insights.
 - Developed and maintained **operational procedures, data dictionaries, and process documentation** across analytics platforms, enabling self-service adoption and **sustained independent use across teams**.
- AI Product & Business Analyst** | *I AM:OS - AI Product Startup | Sydney, NSW* Jan 2024 - Jul 2024
- Conducted **end-to-end requirements analysis** and stakeholder scoping, converting ambiguous business needs into **functional specifications with defined scope, acceptance criteria, and delivery milestones**, closing a \$13,000 USD client contract.
 - Managed **deployment readiness and data pipeline validation** across a 6-month delivery timeline, coordinating **UAT cycles and change request sign-off**, shipping a live product to App Store and Google Play on schedule.
 - Authored **functional specifications governing data structuring, system logic, and configuration rules**, bridging non-technical client vision with offshore development execution across a cross-functional team.

PROJECTS

Algorithmic Trading System - Python-based directional prediction system using statistical modelling; achieved 75-80% backtested accuracy across multiple equity instruments.
LLM-Powered Resume Screener - NLP pipeline using large language models for automated job-description matching and candidate ranking.

EDUCATION

Master of Data Science - Macquarie University, Sydney 2023 - 2025
GPA 8/10 | Postgraduate Academic Excellence Scholarship | Focus: BI, Data Modelling, ML, LLM Applications, Databricks, Snowflake
Bachelor of Engineering (IT) - Maharashtra Institute of Technology, Pune 2018 - 2022
GPA 8.5/10

CERTIFICATIONS

Microsoft Dynamics 365 Fundamentals (MB-900) | Microsoft Dynamics 365 Customer Service (MB-230) | PL-900 Power Platform Fundamentals | Databricks Data Engineer Associate | Databricks Lakehouse Fundamentals | Google Data Analytics Professional Certificate | HackerRank SQL Gold Badge | Microsoft Power BI PL-300 (In Progress)