

Rohit Sharma

+61493322128 • kurmatirohit.sharma@gmail.com • linkedin.com/in/kurmatirohit-sharma • Sydney, Australia

Data Analyst with a Master's in Data Science and over 3 years of experience specializing in data validation and automated reporting. I have a proven track record of using Python and SQL to identify logic defects and improve data accuracy by up to 70%. This is exactly the type of role I am looking for, and I would love to bring my proactive attitude and technical rigor to the team. I am highly motivated to contribute to high-impact projects and grow within a collaborative environment.

EXPERIENCE

Data Analyst — *RS Consulting* Jun 25 – Present

- Engineered a dual-dashboard Tableau suite to transform raw, unorganized sales data into actionable business narratives and KPI summaries.
- Developed YoY monthly sales trends and product subcategory comparisons to pinpoint growth opportunities and seasonal performance peaks.
- Built a customer profitability model tracking the Top 10 clients to identify high-value segments and support targeted retention strategies.
- Developed automated ETL pipelines using T-SQL Stored Procedures, incorporating data cleaning logic and process logging to ensure 100% data traceability.
- Engineered an end-to-end Data Warehouse using a Medallion Architecture in SQL Server to integrate disparate ERP and CRM datasets.

Operations Lead — *Coles* Oct 22 – Mar 25

- Led 15+ staff to deliver smooth daily operations with consistently strong on-shelf availability.
- Optimised inventory and stockroom workflows to cut errors and lift accuracy across the store.
- Acted as the operational bridge between leadership, replenishment teams and logistics partners.

Data Analyst (Contract) — *NSW Work Health & Safety* Aug 23 – Oct 23

- Cleaned and validated semi-structured and external web data to ensure reliable inputs for analysis.
- Built a full-stack Python/Streamlit PWA to streamline business information lookup and reporting.
- Automated ABN search and validation, cutting lookup time by roughly 70% and improving data accuracy.
- Managed the project end-to-end, coordinating scope, deliverables and user feedback with minimal supervision.

Analyst (Data, Automation & Testing) — *Accenture Plc* May 19 – May 22

- Validated ETL pipelines and dashboards, catching missing data, schema issues and logic errors.
- Onboarded 2 new testers while delivering 10–20 automated test cases per sprint.
- Built Java/Selenium automation suites that boosted coverage and cut manual testing by about 60%.
- Identified a critical data logic defect in loan servicing and coordinated its fix before release.
- Supported agile ceremonies and maintained clear documentation of data issues and test outcomes.
- Presented data quality insights and defect trends to both technical and non-technical stakeholders.

EDUCATION

Data Analytics Professional Certificate — *Google*

Apr 25 – Jun 25

- End-to-end business and data analytics, including cleaning, analysing and visualising data (SQL, Excel, R).

Master's in Data Science & Innovation — UTS Sydney (GPA: 5.94/7.00)

Jul 22 – Jul 24

- ML, Big Data Engineering, Databases, Deep Learning, Data Decision-Making, Statistics, Visualisation, iLab.

Bachelor of Technology in Information Technology — GITAM University (CGPA: 7.36/10.00)

May 16 – May 19

- ML, Data Structures & Mining, Warehousing, Computer Networks, Software Project Management, Image Processing.

TECHNICAL SKILLS

Programming: Python (Pandas, NumPy, Matplotlib, Seaborn, PyTorch, Scikit-learn, Streamlit), SQL (T-SQL, Stored Procedures)

Data: Exploratory Data Analysis (EDA), Data Cleaning & Preprocessing, Data Validation, Data Collection, Data Compilation, YoY Trend Analysis

Modeling & ML: Machine Learning (Regression, Classification, CNNs), Statistical Modeling, Predictive Modeling

Data Visualisation: Dashboarding, Data Visualisation, Tableau

Tools & Methodologies: ETL Pipelines, Web Scraping, Version Control ("GIT"), CRISP-DM, Agile/Scrum, Notion

PROJECTS

Computer Vision (Distinction)

- Implemented transfer learning (GoogLeNet, MobileNetV3_small) on the Food101 dataset, improving classification accuracy via fine-tuning. Employed TensorFlow and **PyTorch** for experimentation and model optimisation.

Image Captioning (Distinction)

- Led team to develop deep learning model (**CNNs, LSTMs**) for generating accurate image captions on Flickr8k dataset. Integrated advanced preprocessing and sequence modeling to achieve high caption relevance scores.

Neural Networks (Distinction)

- Built a perceptron from scratch and **trained neural networks** on the Japanese MNIST dataset. Achieved 93.42% accuracy and refined skills in model evaluation and overfitting mitigation.

Currency Converter (Distinction)

- Designed and developed a real-time currency converter using the Frankfurter API, focusing on backend data logic and UI rendering with Streamlit.

Data Series Explorer (Distinction)

- Created an interactive tool in **Streamlit** to explore CSV datasets with statistical summaries and visualizations. Enabled non-technical users to perform initial data exploration with zero coding.

Bank Transaction Analysis (Distinction)

- Cleaned and analysed 3 years of customer bank transaction data (**Pandas, Scikit-learn**), leading to actionable segmentation and fraud detection insights. CRISP-DM framework and **ML models** to identify spending patterns.

Life Expectancy Prediction

- Built multiple regression models to forecast life expectancy trends based on socio-economic indicators using **EDA**, feature engineering, and model validation.

INTERESTS

Data analysis, Machine learning, Volunteering, Community service, Badminton, Video Games, Editing