

## VIKAS

Portfolio: <https://vikas-2703.github.io>

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**Work Rights:** Full Australian work rights • Willing to relocate

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## PROFESSIONAL SUMMARY

Data Analyst skilled in SQL, Python, Power BI, Tableau, and statistical analysis, with experience across data cleaning, ETL automation, and building interactive dashboards. Strong ability to analyse large datasets, identify trends, and deliver actionable insights that support strategic and operational decisions. Adept at improving data accuracy, optimising reporting workflows, and collaborating with stakeholders to solve business problems. Seeking a Data Analyst role in a data-driven environment.

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## TECHNICAL SKILLS

**Programming:** SQL, R, Python (Pandas, NumPy)

**Databases:** PostgreSQL, MongoDB, Snowflake, MySQL

**Data Management:** Data Cleaning, Data Modelling, ETL Pipelines, Data Validation, Data Quality

**Visualisation:** Tableau, Power BI, Matplotlib, Seaborn, R Shiny, Excel (Pivot Tables, Lookups)

**Statistics & Analysis:** EDA, Hypothesis Testing, A/B testing, KPI Reporting, Trend Analysis

**Other Tools:** Git/GitHub, Jupyter Notebook, Google Colab, Agile, Documentation & Reporting

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## PROFESSIONAL EXPERIENCE

### Data Analyst Research Assistant — RMIT University

Melbourne, VIC | Jul 2024 – Nov 2024

- Cleaned, transformed and analysed large medical datasets, improving data standardisation and reducing classification errors by **69%**.
- Built dashboards and visual analytical tools to help researchers explore trends, clusters, and patterns in high-dimensional data.
- Performed statistical analysis, feature extraction, and data validation to support research insights and improve dataset quality.
- Collaborated with cross-functional teams to interpret data findings and prepare analysis summaries for stakeholders.

### Data Analyst Intern — AppWorx IT Solutions (Part-time / Casual / etc.)

Chandigarh, India | Aug 2021 – Feb 2022

- Processed and cleaned large datasets, reducing data preparation time by **30%** through automated preprocessing workflows.
- Analysed system performance trends to identify inconsistencies and improvements, increasing accuracy by **15%**.
- Created structured reports and data summaries to support decision-making across engineering and product teams.

## IT Support Desk — Tech Mahindra

Melbourne, VIC | May 2025 – Present

- Resolved 40–60 technical tickets per day, identifying recurring issues through pattern analysis to reduce repeat incidents and improve user satisfaction.
  - Documented workflows and standardised ITIL processes, improving data accuracy in Salesforce/Jira logs and enabling clearer operational reporting.
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## PROJECTS

### Online Retail Sales Dashboard (Power BI / Tableau, Excel, DAX, Data Cleaning)

- Designed a full interactive sales dashboard by cleaning and modelling raw transactional data, applying DAX measures, and building KPIs for revenue, profit, and customer trends.
- Delivered visual insights into sales performance, seasonal patterns, and product-level breakdowns, enabling business users to identify growth opportunities and operational gaps.

### Audiobook Sales & Pricing Analysis (Python, SQL, Pandas, Tableau, PostgreSQL)

- Extracted and cleaned audiobook metadata from a **PostgreSQL** database using SQL joins, aggregations, and feature engineering to create an analysis-ready dataset.
- Performed exploratory analysis and built interactive Tableau dashboards to identify pricing trends, category performance, and key factors influencing customer purchases.

### US Military Spending Trend & Forecasting Analysis (R, Time-Series Analysis, Excel)

- Analysed 60 years of historical defence expenditure data using time-series decomposition, trend analysis, and statistical testing.
  - Presented insights and forecasts through clear visualisations and summaries, enabling interpretation of long-term patterns and projected budget growth.
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## EDUCATION

### Master of Data Science — RMIT University

Melbourne, VIC | Feb 2023 – Dec 2024

- **Relevant subjects:** Data Mining, SQL & Database Systems, Machine Learning, Statistical Analysis, Business Analytics, Data Visualisation

### Bachelor of Technology — Kurukshetra University

Kurukshetra, India | Aug 2018 – July 2022

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## CERTIFICATIONS

- Google Data Analytics Professional Certificate - [View Credential](#)
- Python Data Structures – [View Credential](#)