

Abishek Thapa

Data Analyst | Python, SQL, Power BI, Excel

📍Brisbane | ✉️ a.thapa.contact@gmail.com |  [LinkedIn](#) |  [website](#) |  [GitHub](#)

PROFESSIONAL PROJECT

South East Queensland Public Transport Analysis ([link](#))

- Extracted, cleaned, and ingested millions+ rows of GTFS data into PostgreSQL using Python, pandas, and SQL Alchemy
- Identified and rectified more than 5K data inconsistencies, resulting in a 20% improvement in overall data accuracy
- Created clear visualizations with matplotlib and seaborn to support transport planning decisions
- Performed EDA to uncover 18 service clusters, 18% route coverage gaps, and scheduling inefficiencies
- Built visualizations in Power BI dashboard, matplotlib, and seaborn to support data-driven transport planning decisions

Yelp Dataset ETL and Analysis ([link](#))

- Designed a normalized schema for 6M+ reviews and 200K businesses, reducing query time by 30%
- Automated data cleaning with Python and pandas, standardizing 1M+ entries and achieving 98% consistency
- Conducted comprehensive analytical queries to identify top-rated businesses with reviews above 4.5 across key regions

Queensland Road Crash Analysis ([link](#))

- Built a data ingestion pipeline for 150K+ crash records using pandas, ensuring full dataset coverage
- Cleaned and validated key variables, reducing inconsistencies by 30% and improving trend accuracy
- Created interactive visualizations with folium, seaborn, and matplotlib to identify 5K+ crash clusters

ACADEMIC PROJECT

MedAuth System Design

- Designed system architecture with flowcharts and MySQL to improve authentication and reduce errors
- Implemented MySQL logic to detect fraud and unauthentic drugs, enhancing system reliability

Maxibor Prototype Solution

- Designed and presented a scalable system prototype, securing stakeholder approval and enabling projected efficiency gains

EDUCATION

Torrens University, Brisbane Campus

Master of Business Information System

Brisbane, Queensland

Expected Sep 2025

Kantipur College of Management & IT

Bachelor in Business Administration

Kathmandu, Nepal

Sep 2018

SKILLS

Technical Skills: Python (pandas, matplotlib, seaborn), SQL (PostgreSQL), Power BI, Microsoft Excel, SQL Alchemy, PostgreSQL, Data Modelling, JSON Data Handling, GitHub

Soft Skills: Agile, Scrum, KPIs, Problem solving, Communication, Attention to Detail, Time Management and Task Prioritization, Continuous Learning