

Cedrus Dang

Data Analyst

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Summary

Operations-focused Data Analyst with strengths in:

- SQL-based data migration, validation, and structured data workflows
- Performance analysis and KPI reporting in operational environments
- Power BI dashboard development for business visibility
- Translating stakeholder requirements into practical data solutions

Experience

TECHNOLOGY INTERN

Jun 2025 – Sep 2025

Captivate Connect

- Analyzed stakeholder requirements and workflows to identify cost inefficiencies in a data pipeline.
- Redesigned a Python-based data workflow, achieving a reduction in operational costs by 700 AUD monthly.
- Developed Power BI dashboards to enhance operational data analysis and performance visibility.
- Contributed to system interface improvements and API testing during a technical transition at Captivate Connect.

DATA MIGRATION INTERN

Mar 2025 – May 2025

Law Access Limited

- Migrated and restructured over 10 years of legacy data into a new SQL-based system, improving data quality, auditability, and reporting reliability.
- Automated data transformation and validation workflows using SQL, shell scripting, and Excel VBA, reducing manual processing effort by ~70% while ensuring consistent data integrity.
- Built lightweight internal tools to support operational teams and accelerate day-to-day data handling and report preparation.

OPERATIONS TEAM LEADER

May 2022 – Aug 2023

DHL Supply Chain

- Led a 40+ member operations team across B2B and B2C fulfilment.
- Analysed KPI, SLA, and order volume data to forecast workload, investigate performance issues, and optimise resource allocation.
- Contributed to e-commerce launch and WMS implementation, sustaining 95% on-time delivery.

ASSISTANT OPERATIONS MANAGER

Oct 2019 – Jan 2022

T&C Logis Vietnam - Korean-Vietnam Logistic Co.

- Analysed import-export flows, inventory levels, transport volumes, and cost data to guide workforce allocation, scheduling, pricing, and warehouse layout decisions.
- Improved operational efficiency and cost performance during rapid growth and COVID disruptions.
- Managed warehouse operations and vendor coordination for multinational clients, including Samsung, aligning operational processes with client requirements and performance standards.

BUSINESS OPERATIONS ANALYST

Nov 2018 – Sep 2019

Hoa Sen Group

- Reviewed and processed 300+ land lease dossiers during a national retail network restructuring.
- Analysed legal, cost, and commercial data to support site selection and lease pricing decisions.

Reviewed and reconciled rent payments and related financial documentation to ensure accuracy and compliance.

Education

MASTER OF DATA SCIENCE

The University of Western Australia, WAM: 75 - GPA: 6/7

March 2024 - Dec 2025

BACHELOR OF ECONOMICS

Nong Lam University

Skills

- Programming Languages: Python, SQL, R, Bash
- Data Analysis: Data cleaning, exploratory data analysis
- Database Management: PostgreSQL, MySQL, ETL processes
- Data Processing: Pandas, NumPy, Excel
- Data Visualisation & Reporting: Power BI, Tableau
- Tools: REST APIs, GitHub

Selected Projects

- Queensland Traffic Accidents Analysis (2001–2021): Cleaned and integrated 20 years of crash data using Python, and built Tableau dashboards for data storytelling, trend analysis, and behavioural insights. Identified underreported fatigue incidents and produced policy-relevant analytical reporting.
- Data Warehouse & Power BI – Australian Road Fatalities 2024: Designed a Kimball dimensional model, implemented ETL pipelines, and built a Star Schema warehouse in PostgreSQL. Developed Power BI dashboards enabling OLAP, KPI reporting, and multidimensional analysis.
- Graph Database Analysis – Road Fatalities 2024 (Neo4j): Modelled crash entities using a Property Graph Schema in Neo4j and built Python data pipelines for ingestion. Applied Cypher queries and Graph Data Science (GDS) for relationship-based analytical exploration.
- Public Health Data Analysis & Classification Modelling: Conducted EDA on World Bank datasets and applied feature selection to identify key mortality drivers. Built and validated Decision Tree and Naive Bayes models using cross-validation, achieving 96% classification accuracy.

Publications

- Dang T.T., Dang M.P., Mai D.Q. (2018). The awareness and willingness to pay of consumers for imported fruits with food safety certification. *Journal of Agricultural Science and Technology*, No.1/2018.
- Mai D.Q., Pham T.P., Le N., Pham T.T.C., Dang T.T., Chau T.L. (2018). Analysis of Water Use Efficiency in Grape Farming in Ninh Thuan Province. *Journal of Agricultural Science and Technology*, No. 2/2018.

Referees

Australian referees available upon request.