ADORIA DUONG

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EDUCATION

University of Newcastle   08/2023 - 08/2025

Master of Information Technology | Major: Business Analytics

Grade: Distinct

Relevant Coursework: Data Wrangling & Visualisation, Data Analytics for Business, Big Data, Business Intelligence for the Enterprise, Object Oriented Programming, System Analysis and Design, Process Analysis and Problem Solving, Project Planning and Management

S P Jain School of Global Management   10/2020 - 05/2023

Bachelor of Data Science

Relevant Coursework: Advanced Analytics, Statistical Data Analysis, Programming for Analytics

SKILLS

- Power BI (Certified), DAX, KPI Dashboards, Excel (Advanced)
- SSIS, SSAS, OLAP, T-SQL, ETL Pipelines, Star Schema
- DAX, Power Query, KPI Dashboards
- Python (pandas, numpy, matplotlib), R, Regression, Forecasting, A/B Testing
- T-SQL, Microsoft Azure (Certified), Microsoft Fabric (Certified)
- Jira, Asana, Kanban, MS Team

WORK EXPERIENCE

KOSEC, North Sydney   01/2025 – 05/2025

Research Analyst Internship

- Gathered and analysed business requirements from stakeholders to guide the reporting of market trends and investment opportunities.
- Produced daily, weekly, and monthly reports by consolidating financial data and news sources, ensuring stakeholders had timely, actionable insights for decision-making.
- Utilised **Excel** to process sector data and create dashboards/visualisations, identifying performance trends, gaps, and opportunities for improvement.

Chemist Warehouse, Hamilton   12/2024 – Present

Pharmacy Assistant

- Executed planograms and optimised product placement based on store analytics.
- Supported promotional campaigns with setup, monitoring, and customer engagement tracking.
- Built strong interpersonal skills through daily customer interactions and teamwork in a fast-paced retail environment.

PROJECTS

ETL Pipeline and Live Power BI   07/2025

- Designed and implemented an **ETL pipeline** in **Visual Studio** to extract, transform, and load structured data into a SQL Server data warehouse.
- Connected Power BI to the SSAS cube through Microsoft SQL Server Management Studio (SSMS) using a live connection for real-time insights.
- Developed a dynamic, interactive **Power BI** dashboard with drill-down capabilities and custom visualizations for business users.

Skill: Power BI · ETL · SQL · Visual Studio · Data Warehousing · SSAS · SSIS

Global Car Hire Database   06/2025

- Conducted **requirements elicitation** through document analysis, stakeholder communications and workshops to understand business needs for a car hire booking platform
- Design conceptual, logical, and physical databases for a system managing the booking system for car hire; developed **EER** diagrams using UML in Visio
- Created and executed T-SQL scripts to create the database, populate test data, and extract key information.
- Built 4 procedures and triggers with robust error handling to ensure **data accuracy** and **process integrity**.

Skill: T-SQL · Visio · Microsoft SQL Server · Requirements Elicitation

Pedestrian Patterns on Major Sydney Street Link   05/2025

- Analyzed 188,720 rows of Hourly Pedestrian Count data from the **City of Sydney Data Hub**
- Conducted extensive **data cleaning** and transformation, handling nulls, duplicates, and datetime inconsistencies, with staging layers for auditability.
- Developed a Power BI dashboard with dynamic **KPIs** and interactive drill-downs

Skill: Power BI · SQL · Excel · Data Modelling · DAX · ETL Pipeline

Online Fire Management System   05/2024 – 06/2024

- Developed comprehensive **UML** diagrams (use case, activity, domain class, layer class, sequence) and user interfaces using Visio and Bubble.
- Led a project team by managing workflows, allocating tasks, and ensuring timely delivery through **MS Teams** and **Jira**.
- Teamed up with 5 people, using **Agile methodology** to refine design prototypes based on iterative feedback, improving project turnover times.
- Produced detailed documentation, including project progress, risks, and action items, using Microsoft Project and regular status reports.

Skill: UML Diagrams · Microsoft Project · Visio · Bubble · Jira · Stakeholder Communication · MS Team

Compliance Insights & Incentive   11/2024

- Conducted a data quality process. Designed a **star schema**, defining relationships between fact and dimension tables for efficient analysis.
- Created optimized SQL queries to aggregate data from related tables, generating performance reports and insights on top-performing officers and office branch trends.
- Predicted compliance trends for the upcoming year using a regression model, using **Excel** and **Python**

Skill: Excel (Pivot Table) · Python · ETL · SQL · Star Schema · Microsoft Team Planner

CERTIFICATE

- Databricks Fundamentals (2025) | Databricks
- Power BI Data Analyst Associate (2025) | Microsoft
- Microsoft Azure Fundamentals (2025) | Microsoft
- Fabric Analytics Engineer Associate (2025) | Microsoft
- SQL (Advanced) Certificate (2025) | HackerRank
- Data Analyst Association (2023) | DataCamp
- Excel Fundamental for Data Analysis (2021) | Coursera