Mustafa Abduljabbar

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UK passport holder | Full UK clean manual driving licence (4 years NCs)

Portfolio (work examples): Mustafaabduljabbar.com

Summary

Recently completed an MSc in Logistics and Operations Management at Cardiff University (Distinction 78%) with applied experience in forecasting, inventory control, and ERP-supported decision-making.

Delivered an industry-supported dissertation with **DSV** and **ESG.AI**, **applying stochastic Life Cycle Assessment and scenario forecasting to test dematerialisation indicators**, exposing **where commonly used metrics and assumptions create shortfalls in operational planning**.

Gained analytical experience through an internship at the **Office for National Statistics**, analysing **10,000+ records** and automating the data processing and visualisation using **Excel, Python and Power BI dashboards**.

Curious, driven, and always go above and beyond what is required, demonstrated through student representative role and multiple awards.

Seeking a graduate or entry- level operational planning role within high-tech manufacturing.

Education

MSc Logistics and Operations Management **(Distinction 78%)** *– Cardiff University   09/2024 - 09/2025*

Relevant modules: Circular Economy Operations (91%), Lean and Operational Excellence (87%), Operations Management (86%), Digital Supply Chains (85%), Logistics and Its Provision (81%), and ERP Systems (80%).

Honours & Awards:

- Lean Competency System (LCS) – Level 1B
- ERP Simulation Certificate

BSc Business Management (2:1) - *Cardiff University*   **09/2021 - 09/2024**

Honours & Awards:

- Cardiff Award – Student Futures employability award
- Student Ambassador – Cardiff University Business School

A Levels - *Cardiff High School*   **09/2018 - 07/2021**

Grades: Chemistry (A), Physics (B), Business (B)

Relevant Experiences

MSc Dissertation (Live Project), DSV & ESG.AI - Cardiff University   *06/2025 – 09/2025*

Context: As material extraction becomes a dominant environmental and supply-chain risk, amplified by the EU's dependence on China for critical rare earths, manufacturers face growing legislative pressure to recover critical materials, **yet limited guidance exists on how to measure and track material recovery within operational planning**.

- Reviewed **ESG policy** requirements and disclosures from **7 global electronics manufacturers**, where reporting focuses on emissions over material performance indicators.
- Designed electronics **statistical LCA** comparing linear (3-year) and refurbishment-led extended-life scenarios, showing **~80% of lifecycle impacts are concentrated at OEM manufacturing.**
- Modelled **return-rate, quality, and timing uncertainty using scenario forecasting (18–42%)**, showing conventionally overly optimistic assumptions distort capacity and operational planning.

- Built a **probabilistic, component-level Bill of Materials**, separating reusable, re-manufacturable, and Beyond Economic Repair (BER) parts to support realistic operational planning.
- Tested dematerialisation indicators against **LCA midpoints**, revealing that **life-extension increased material use** (+23–25%) **despite ~11–13% lower impacts per functional year**, highlighting how absolute metrics alone can distort planning decisions.

Data Analysis Internship, Office for National Statistics (ONS) - Newport, Wales   *06/2023 – 09/2023*
- Analysed **10,000+ internal staff development records** using **Excel** and **Python** to identify trends by location, department, and employment grade, supporting data-led planning decisions.
- Recognised **Excel's** limitations, self-taught **Python** to build an automated script that processed **200+ keywords** and fully streamlined the analysis workflow, significantly improving speed, consistency, and accuracy.
- Designed a clear **Power BI** interactive dashboard and **presented findings to non-technical stakeholders**, ensuring results were understood and actionable.
- Work was recognised by the Directorate Head, who highlighted the project in an internal blog, encouraging staff to upskill.

Other Experiences

Student Representative, Cardiff University   *09/2024 – 09/2025*
- Represented 60+ MSc students as Vice Chair, consolidating feedback, leading meetings, and presenting findings to faculty to support programme improvements

Food Delivery Driver, Domino's - *Cardiff, Wales*   **08/2022 – 03/2023 | 03/2021 – 09/2021**
- Coordinated within fast-paced, time-critical delivery operations across multiple Cardiff locations, coordinating with in-store teams of **20-30 staff** to meet service targets while adhering to strict food safety and allergy procedures.

Customer Service Assistant – Tesco, Cardiff, Wales   **11/2021 - 05/2022**
- Supported day-to-day operations within a high-footfall Tesco Express, handling payments, age-restricted transactions, and customer issues while maintaining accuracy, compliance, and service continuity within a small team of **4-6 staff.**

Skills

- **Operational Planning & Decision Support -** Applied forecasting, inventory control, and planning logic to evaluate capacity, material, and operational trade-offs across MSc and industry projects.
- **Analytical Modelling & Automation -** Used Excel, Python, and Power BI to clean, model, and visualise complex datasets, converting analysis into clear, decision-ready insights for non-technical stakeholders.
- **ERP & Digital Systems Exposure -** Coordinated a **five-person team** through an **SAP ERP** simulation across procurement, inventory, planning, distribution, and after-sales, gaining a hands-on **understanding of operational trade-offs and cross-functional decision-making** in high-performing teams.
- **Lean Methodology & Continuous Improvement** - led a **team of six** to present and apply a lean operations transformation, **achieving 87% and earning Lean Competency System Level 1b certificate.**
- **Learning Ability** - Rapidly self-taught **Python and Power BI** from no prior experience to automate and scale analysis during my ONS internship, alongside completing a **Distinction MSc (78%)**.