Mustafa Abduljabbar

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UK passport holder | Full UK clean manual driving licence| Portfolio (work examples): Mustafaabduljabbar.com

Profile

Recent **MSc in Logistics & Operations Management graduate from Cardiff University (Distinction, 78%),** with a strong focus on operational planning, data-driven decision-making and managing uncertainty within complex systems. Completed an industry-supported project with **DSV & ESG.AI** using **scenario forecasting** and **statistical Life Cycle Assessment** to challenge optimistic planning assumptions around material recovery. Complemented by a data analytics internship at the Office for National Statistics, working with large datasets in **Excel**, **Python**, and **Power BI**. **Now seeking a graduate or entry-level operational planning role in 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 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 Awards, Student Ambassador.

- *A Levels* Chemistry (A), Physics (B), Business (B) *- Cardiff High School*   *09/2018 - 07/2021*

Relevant Experience

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

Context: Material extraction drives over 50% of global CO_2 emissions and ~90% of biodiversity loss, while countries reliance on China for critical rare earths exposes material use as an operational risk, yet guidance on measuring and tracking material performance remains limited.

- **Compared ESG policies** and **corporate disclosures** from **7 global electronics manufacturers** to understand how companies measure material performance across the **UK, EU, and USA**.
- **Built and compared two statistical Life Cycle Assessment models** using **Excel** to test linear vs. extended-life product scenarios, to **test dematerialisation indicators** and assess suitability for material tracking.
- Applied **scenario forecasting and a probabilistic, component-level Bill of Materials** to capture **18-42% return-rate uncertainty**, challenging systematically optimistic assumptions that distort conventional operational modelling.

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 targeted learning initiatives.
- **Self-taught Python** to build an automated script processing **200+ keywords**, streamlining the analysis workflow and improving speed and repeatability.
- Developed an **interactive Power BI dashboard** and presented findings to non-technical stakeholders, ensuring insights were clear and actionable.

Other Experiences

Student Representative, Cardiff University   **09/2024 - 09/2025**

- Represented **60+ MSc students as Vice Chair**, consolidating feedback, directing student–faculty 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**

- Operated within fast-paced, time-critical delivery operations across 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**

- Operated 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** - Forecasting, scenario analysis, demand and inventory planning, operational modelling, capacity trade-off evaluation, and lean methodology **(selected work: Mustafaabduljabbar.com).**
- **Data & Reporting** - Advanced Microsoft Office (Excel, Word, PowerPoint), Power BI, and Python for large-scale data analysis, workflow automation, and communicating decision-ready insights to non-technical stakeholders.
- **ERP – Coordinated a five-person team through an SAP ERP simulation** across procurement, inventory, production planning, distribution, and after-sales, managing cross-functional trade-offs.
- **Lean Methodology - Led a team of six to present a lean operations transformation**, achieving 87% and earning LCS Level 1B certificate.
- **Leadership & Presentation** - Student Representative; led groups and meetings, consolidated feedback, and delivered clear, structured presentations across academic and professional settings.