JOAQUIN **VILLAR**

+44 7523 286970 | joaquinvillar8802@gmail.com | linkedin.com/in/joaquin-villar-11b0171b7/ | **EU Citizen**

Joaquin is a final-year Data Science undergraduate with a completed internship at IBM. He is a bilingual, analytical and creative problem solver with years of experience delivering data-driven solutions. Passionate about digital transformation through AI/MLOps and sustainable solutions. Seeking a data-driven, strategic and client-facing role to drive change and deliver value.

EDUCATION

The University of Sheffield - *Bachelor of Science, Data Science*   **Sheffield, UK, September 2023 – June 2026**

- Relevant Coursework: Inferential Statistics, Building AI Applications, Database Modelling, AI Ethics, Machine Learning
- **Expected Grade**: First-Class Honours (1st). **Extracurriculars:** Sheffield University Rowing Club, Data Science Society (Founder), Technology Society (Co-Founder), Siemens DIZ Advisor, Italian Society, Wine Society (Treasurer)

PROFESSIONAL EXPERIENCE

IBM - *CSM Solutions Architect, Technology Group Intern*   **London, UK, June 2025 – September 2025**

- Built a sustainable data integration asset leveraging Apache Iceberg tables and Watsonx.ai to enrich and query the metadata of unstructured financial statements within IBM Cloud. This reduced evaluation time in the mortgage risk assessment process by 18% and LLM hallucination risk by 30% for a leading financial services client.
- Designed and deployed a Multimodal RAG AI Agent to query the CSM business unit's deployments dashboard. The agent autonomously extracts key insights, generates context aware executive summaries and distributes them to the respective stakeholders via email, saving 3-4 hours every week in internal debrief meetings.
- Delivered multiple client demos across both the AI & Analytics Consulting practice and Technical Sales, showcasing deployed use cases and IBM's go-to-market platforms through effective use of the client engagement model and storytelling.
- Supported a Managing Consultant and delivery team on an asset-based consulting engagement with the conversational banking unit of a leading financial services provider, gaining exposure to the design and deployment of AI Assistant user journeys and the development of an Agentic AI strategy.

Corporación Primax S.A. - *Loyalty CRM & Digital Sales Intern*   **Lima, Perú, June 2024 – August 2024**

- Quantified market opportunity using RFM clustering on more than 5 million records. Redesigned margin matrices to better reflect profitability across consumer groups and aid the digital sales 2024 Q4 strategy.
- Designed and proposed a managerial dashboard for the Colombia division to support the expansion of service stations. Developed automated One-Pager alerts to streamline KPI monitoring across the sales department.

Clínica Aviva Grupo Intercorp - *Data Management Intern*   **Lima, Perú, June 2023 – September 2023**

- Optimised the clinic pharmacy's procurement process by integrating legacy ERP with RPA prototypes, reducing decision-making contact hours between the finance and procurement team by 37%.

SKILLS, ACHIEVEMENTS & CERTIFICATIONS

Tools & Platforms: Python and R Programming, SQL, NoSQL, Power BI, SPSS Modeler, Watsonx Platform, IBM Cloud, AWS, Azure, GCP, Salesforce, MCP, OCR, AstraDB, Langgraph, Generative AI, Docker, MS Office, Advanced Excel, VBA.
Skills: Data Modelling & Visualisation, Statistical Analysis, RAG, Agent Development, Prompt Engineering, Data Strategy and Governance, Leadership, Teamwork, Stakeholder Management, Design Thinking, Agile Scrum Project Management, Storytelling.
Certifications: IBM Internship Program Certificate, Design Thinking Co-Creator, IBM Consulting Agentic AI Foundations, Watsonx.ai Data Science and MLOps Sales Foundation, Maximo Application Suite Technical Sales Intermediate, AWS Cloud Foundations, Accenture Strategy Consulting, IBM Academic Ambassador,
Languages: Spanish (Native), English (Native Bilingual), Italian (B1/B2).

VOLUNTEERING, LEADERSHIP & COMMUNITY

University of Sheffield's Data Science Society

Education Officer & IBM Academic Ambassador   **Sheffield, UK, September 2025 – Present**

- Through secured IBM funding, I launched the Data Dive, a semester-long project competition where members form teams, develop an analytics project and present their findings.
- Conducted OBD2 data project in collaboration with IBM and the Sheffield Formula Racing Team, feature engineering datasets with over 500,000 records to simulate race car performance.

Founder & President   **Sheffield, UK, February 2024 – May 2025**

- Founded and chaired the Data Science Society, driving membership growth through targeted outreach. Led 15 successful events through a student financed budget and sponsored funding to deliver the best university experience for 108 members.

IBM's GenAI Society - *Summer Internship Event Lead*   **London, UK, July 2025 – September 2025**

- Organised and lead an 'AI in Media' half-day event for over 50 Early Professionals across IBM. Guest speakers included field SMEs and a Managing Director for a leading media services account. This event was the first of its kind in IBM UKI

Siemens Digital Innovation Zone - *Digital Transformation Advisor*   **Sheffield, UK, October 2024 – May 2025**

- Showcased the potential of live stream data analytics, CAD software and a Digital Twin of the Diamond Pilot Plant, the only one of its kind in any UK university.