

# Ian Dalton - Data Analyst

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Buenos Aires City, Argentina • +54 9 11 3465-2325

daltioan@gmail.com • <https://www.linkedin.com/in/ian-dalton-id/> • <https://github.com/IanDalton>

Highly motivated and results-driven professional with experience in data engineering, architecture, and software development. Proven ability to design and implement scalable solutions, analyze data, and deliver actionable insights. Proficient in Python, SQL, Power BI, Azure technologies, and machine learning techniques. Strong collaboration skills with a track record of successful project delivery in international environments.

## SKILLS

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- **Data Engineering** - Developed scalable ETL pipelines using Python and SQL, optimizing data processing speeds by 40%.
- **Data Visualization** - Created interactive dashboards using Power BI, enabling real-time decision-making and improved business insights.
- **Machine Learning** - Designed and implemented machine learning algorithms to estimate sales and reduce waste by up to 68%.
- **Cloud Computing** - Deployed solutions on Azure, utilizing automated tasks and CI/CD pipelines for consistent product delivery.
- **Programming Languages** - Proficient in Python, SQL, Javascript, R, Django and React.

## EXPERIENCE

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**Accenture** • Argentina • Data Engineer (01/08/2024 - Present)

Developed and integrated AI-driven solutions for a large bank, utilizing LangChain and RAGs to enhance LLM capabilities. Implemented voice message processing and structured data queries, improving system response accuracy. Used Data scraping techniques to gather information for my vector database (chromaDB) and deployed it on Azure using github actions with testing and CI/CD.

**Turbodato** • Argentina • Data Architect (01/01/2024 - 01/12/2024)

Designed and built the startup's backend infrastructure with a focus on scalability and automation. Developed web scraping bots to collect competitive business intelligence for clients like Itaú Bank and Cebra Jugueterías. Created interactive dashboards using Power BI, enabling real-time decision-making.

**Mouse Soluciones** • Argentina • Software Developer (01/02/2020 - 01/08/2024)

Designed and implemented custom software solutions using Python, SQL, and Firebase to address client-specific needs. Developed a web application using Django and React, enhancing user experience and engagement. Cleaned and processed data using Python and R saving over 250 man hours on cleaning and loading data.

## EDUCATION AND CERTIFICATIONS

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ITBA, Argentina • Data Science 01/2021 - 07/2025

ITBA, Argentina • Full Stack Developer 03/2023 - 09/2023