Ian Dalton

Data Analyst
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Professional Summary

Highly motivated and results-driven professional with experience in data analysis, machine learning, and software development. Proven ability to transform raw data into actionable insights, build robust data infrastructures, and enable data-driven decision-making through advanced analytics and predictive modeling. Proficient in Python, SQL, and various visualization tools, with a strong understanding of SDLC methodologies including Agile.

Skills

- **Python** – Proficient in Python for data analysis, machine learning, web development (Django, React), and automation tasks, resulting in significant time savings and improved efficiency.

- **SQL** – Experienced in SQL for database management, data querying, and ETL pipeline development, enabling efficient data retrieval and manipulation.

- **Data Visualization** – Skilled in creating impactful visualizations using Matplotlib and Plotly to communicate complex data insights effectively.

- **Machine Learning** – Applied machine learning algorithms (XGBoost, SKlearn) to predict sales and reduce waste by up to 68

- **SDLC (Agile)** – Experienced in Agile methodologies, collaborating effectively within sprints to deliver high-quality solutions on time.

Experience

Data Engineer   August 2024 – Present
Accenture, Argentina

- 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.

Data Architect   July 2024 – December 2024
Somos Feed, Argentina

- Designed and built the backend infrastructure on Django for data gathering automation, generating up to a 68

Software Developer   February 2020 – August 2024
Mouse Soluciones, Argentina

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

Data structure's Teachers assistant   March 2023 – Present
ITBA, Argentina

- Assisted the teacher in the Data Structures course, helping students with their doubts and explaining the theory behind the algorithms. Also helped in the creation of the final project of the courses.

Education and Certifications

ITBA   01/2021 – 07/2025
Argentina – Data Science **ITBA**   03/2023 – 09/2023
Argentina – Full Stack Developer