Ian Dalton - Data Analyst

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Highly motivated and results-driven data professional with experience in data visualization, statistical analysis, and big data technologies. 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, Power BI, and Azure.

SKILLS

- **Data Visualization** - Proficient in creating interactive dashboards using Power BI, enabling real-time decision-making and data-driven insights.
- **Statistical Analysis** - Experienced in quantifying the significance of observed patterns and trends to inform business decisions.
- **SDLC (Planned Iterative, Agile)** - Collaborated effectively in Agile sprints, contributing to increased system efficiency and performance.
- **Programming Languages** - Solid understanding of programming languages such as Python, SQL, Javascript, R and Dart for data manipulation, analysis, and solution development.
- **Big Data Technologies** - Experienced in using big data technologies like Azure and ChromaDB to build scalable data infrastructures and enable advanced analytics.

EXPERIENCE

Accenture • Argentina • Data Engineer   (August 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   (January 2024 - December 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, creating interactive dashboards using Power BI enabling real-time decision-making.

Mouse Soluciones • Argentina • Software Developer   (February 2020 - August 2024)

Designed and implemented custom software solutions using Python, SQL, and Firebase. User R to analyze data and process large volumes of information for introductory data analysis and EDA (exploratory analysis) for a machine learning project. Cleaned and processed data saving over 250 man hours on cleaning and loading data.

ITBA • Argentina • Data structure's Teachers assistant   (March 2023 - Present)

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