

# Sebastian | Data Analyst

## SUMMARY

Sebastian is a **Data Analyst/Integration Specialist** with extensive experience in **data integration, aggregation, and movement**, as well as data quality and cleansing processes. He has over 3 years of expertise handling large datasets using platforms like **Oracle** and **Databricks** and has a strong understanding of **FTP** and **API processes**, as well as hands-on experience with **XML** and **XSL** workflows.

He is skilled in creating and managing ETL pipelines, ensuring the seamless integration of data for new accounts or account changes, and has experience troubleshooting and monitoring both **manual and automated data integration jobs** to ensure optimal performance and data integrity.

He is proficient in **SQL** for analyzing and managing complex datasets and has a track record of developing **interactive dashboards** and merging tables using tools like **Power BI**, **Looker Studio**, and **DOMO** to provide actionable insights.

With experience in **Salesforce**, he has extracted and managed data efficiently, while maintaining compliance and resolving data-related issues. Additionally, he is adept at **liaising with cross-functional teams**, including customer service, development, and architecture teams, to ensure data processes align with organizational objectives.

His skill set also includes expertise in **Python** and data frameworks like **Pandas**, **NumPy**, and **Scikit-learn**, complemented by experience with **Azure DevOps** for managing repositories and Agile project tracking.

## CORE SKILLS

- Python
- SQL
- Power BI
- Azure Databricks
- Azure DataFactory
- Git
- Azure DevOps
- Vercel
- Looker Studio
- Domo
- SQL Server
- MongoDB
- MySQL
- PostgreSQL
- Azure
- AWS Fundamentals
- Pipeline Development
- Data Integration
- Automation
- Excel (pivot tables, macros)
- PowerPoint
- Word
- Access

## WORK HISTORY

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#### Data Integration Specialist

*January 2025 - Present*

- Developed multiple notebooks with Python code for task automation using libraries such as Selenium for web scraping, requests with GET, and BeautifulSoup, reducing manual work from two days to just 10 minutes.
- Integrated tools such as Docker for containerizing various packages, notably Spark for data processing on the Databricks platform and Airflow for automating the audit process handling various file types (XSL, XML, JSON, TXT, CSV).
- Managed Databricks APIs in conjunction with the OpenAI API in a web scraping process for aircraft and automobile category classification, making the category identification process faster and more efficient, reducing manual classification time from 3 days to 15 minutes.
- Held daily meetings in English with the data integration team to discuss progress and identify areas for improvement through the use of AWS Bedrock.
- Databricks Admin Automation – Full-Stack SPA (React + Flask) with RESTful API. Automated item classification using regex, data handling with Pandas, client-server communication via Axios, and responsive UI. Modular architecture with Flask serving static React frontend.
- Key Technologies: React, JavaScript ES6+, Flask, Python 3.11, Pandas, Axios, CSS3, Git, REST API
- Environment: Databricks, Apache Spark, NumPy, Docker, Docker Compose, GIT, Airflow, Jenkins, OpenAI API, Web Scraping, Selenium, React, JavaScript ES6+, Flask, Python 3.11, Pandas, Axios, CSS3, REST API

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#### Data Analyst

*October 2023 - November 2024*

- Automated ETL workflows, reducing manual effort by 30% and saving 15 hours weekly.
- Created and maintained scalable data pipelines, increasing integration efficiency by 25%.
- Designed and delivered 10+ interactive Power BI dashboards, reducing reporting time by 20% and improving executive decision-making.
- Applied agile methodologies to prioritize data projects, enhancing team efficiency.
- Developed Python scripts and SQL queries to identify fraudulent contracts using web scraping and API connections, improving fraud detection and data analysis accuracy.

### WEBHELP Crius Energy

#### Customer Service Representative

*September 2022 - September 2023*

- Analyzed customer trends using SQL, improving service resolution efficiency by 15%.
- Delivered performance reports that led to a 10% increase in customer satisfaction scores.
- Facilitated data-driven solutions, bridging business and technical teams effectively.

## **ARTECOLA SAS**

Data Engineer & DevOps Engineer

*January 2020 - September 2022*

- Conducted sales and trend analyses using Python and Power BI, identifying patterns that drove a 15% revenue increase.
- Developed and implemented statistical models, improving forecasting accuracy by 20%.
- Enhanced database performance, reducing query execution times by 40%.
- Coordinated with cross-functional teams, applying agile methodologies to deliver projects on time.

## **SOLINOFF**

Entry-Level Engineer

*January 2019 - August 2019*

- Designed manufacturing components, launching 4 new products in 6 months through the I+D team.
- Collaborated with retailers to analyze sales trends and optimize inventory levels, leading to a 15% increase in sales over six months and a 20% reduction in stockouts through a data-driven approach.

## **Inmobiliaria MG Abogados & Asociados**

Administrative Support

*August 2017 - December 2018*

- Assisted customers in real estate transactions, enhancing their experience and satisfaction.
- Improved office processes, streamlining workflows and boosting operational efficiency.

## **EDUCATION**

EAN University

Master's Degree in Data Science

2025 (in progress)

EAN University

Specialization in Machine Learning

2024

Central University  
Bachelor's in Mechanical Engineering  
2014 - 2019

## **CERTIFICATIONS**

National Professional Engineering Council  
Certified Mechanical Engineer  
2019

IBM & GUAYERD  
Data Analytics with Power BI and SQL  
2025

Universidad Sergio Arboleda - MINTIC  
AWS Cloud Architecture  
2024

TalentoTech - Cymetria  
Web Full Stack Development  
2024

Domo Software  
Domo Accreditation  
2024

## **LANGUAGES**

Spanish: Native  
English: B2 advanced level