

# SEBASTIAN GONZALEZ

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## Professional Experience

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### Spring Financial

February 2025 – July 2025

*Business Analyst & Data Operations Associate*

*Vancouver, BC*

- Developed Python-based data ingestion pipelines for credit risk scoring, extracting data from AWS S3, PostgreSQL, and third-party APIs.
- Collaborated closely with Data Science teams to streamline deployment and monitoring of ML models.
- Built automated data validation scripts and real-time performance dashboards, enabling proactive issue detection and system stability.
- Managed data quality checks and facilitated sprint planning, ensuring alignment between technical deliverables and business objectives.

### Canfor

June 2024 – February 2025

*Credit & BI Analyst*

*Vancouver, BC*

- Developed and maintained near-real-time Power BI dashboards with credit utilization, aging analysis, and bad debt KPIs for a \$50M+ portfolio.
- Built lightweight ETL pipelines using Python scripts and Azure Data Factory to extract/transform JD Edwards data into Azure SQL databases.
- Performed ad-hoc and scheduled data analyses that informed strategic decisions and reduced Days Sales Outstanding (DSO) by 8 days.
- Implemented data validation and integrity checks within the pipelines to guarantee reliable reporting.

### Autofin — Auto Financing and Credit

March 2021 – January 2022

*Data Engineer*

*Santiago, Chile*

- Built scalable ETL data pipelines utilizing Apache Spark and Airflow, handling large-scale data ingestion from CRM, loan applications, and bureau feeds.
- Managed data lake and structured storage on AWS S3, optimizing query performance and data retrieval speeds.
- Implemented efficient data modeling techniques, significantly enhancing data quality and availability for analytical and ML workflows.
- Ensured rigorous version control and reproducibility through Git and automated CI/CD deployments.

### TANNER Financial Services

January 2018 – February 2021

*Data Scientist*

*Santiago, Chile*

- Developed and maintained ETL pipelines using Apache Airflow and Spark, facilitating data extraction from diverse sources for analytical purposes.
- Performed extensive data transformations and feature engineering, enabling advanced predictive analytics and customer segmentation.
- Collaborated with cross-functional teams to automate data workflows, reducing manual processing efforts by 20%.
- Conducted A/B tests and iterative model improvements, integrating behavioral features to enhance predictive accuracy.

## Education

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### Douglas College

2022 – 2023

*Postgraduate Diploma in Computer and Information Systems*

*Greater Vancouver, BC*

### European University of Madrid

2016 – 2017

*Master of Business Administration (MBA)*

*Madrid, Spain*

### Andres Bello University

2012 – 2015

*BSc in Economics (Concentration in Finance and Statistics)*

*Santiago, Chile*

## Technical Skills

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**Programming Languages:** Python (pandas, NumPy, Scikit-learn, TensorFlow, PySpark), SQL.

**Data Engineering & ETL/ELT:** Apache Spark, Airflow, Databricks, DBT, ETL/ELT Pipeline Design, MLflow, DVC

**Cloud & Infrastructure:** AWS (S3, Lambda, SageMaker, EMR, ECR), Azure (Data Factory, Azure SQL), Docker, CI/CD (GitHub Actions)

**Databases & Storage:** SQL/NoSQL (PostgreSQL, MySQL, MongoDB).

**Visualization & BI:** Tableau, Power BI, Matplotlib, Seaborn.

**Development Practices:** Git, Agile methodologies, REST APIs (FastAPI), Reproducible workflows