MARIANO VAZQUEZ FORCELLINI

SUMMARY

Mariano is a Data Analyst with more than 6 years of experience in data analysis and implementation of business intelligence solutions. He has worked with many industries, including the financial and technology sector. Expert in tools such as SQL, Python, and Power BI, with strong skills in statistics and predictive modeling. Mariano is a highly motivated professional eager to face new challenges, looking for an opportunity to join a dynamic and collaborative team.

SKILLS

- Python
- Power BI
- AWS; RDS; DMS; EC2; SQS; S3; DMS; Glue; Redshift; Lambda
- Azure
- QlikSense
- Open AI
- Watson
- Whisper
- Snowflake
- Elasticsearch
- Quicksight; Metabase
- XGBoost
- SAP
- KNIME
- SQL Server; MongoDB

kenility

EXPERIENCE

Kenility

October 2023 - Ongoing

Kenility is a digital-native company focused on helping businesses embrace digital transformation, automate business processes, and create a competitive advantage through the use of technology, driven by the purpose and the commitment to deliver high-quality, high-value, tech-savvy IT solutions: IT Consulting, IT Staffing Services, and Custom Software Development.

- Develops an analytics data warehouse in Snowflake, building data pipelines that integrate RDS, DMS, EC2, SQS, S3, and Snowpipes, organized into source, stage, and production schemas.
- Configure and optimize data pipelines within AWS using DMS, Glue, and Lambda, integrating with various APIs to complement and source data from external systems, ensuring efficient data processing and comprehensive coverage.
- Leads migrations from non-relational databases like Elasticsearch and MongoDB to relational databases, leveraging Logstash, Data Federation, and triggers to facilitate smooth transitions.
- Monitors Redshift clusters and MongoDB Atlas metrics, implementing performance improvements through indexing, scaling, and query optimization.
- Collaborates with DevOps to configure roles and permissions in AWS, streamlining task execution and ensuring secure workflows.
- Creates dashboards and reports in Quicksight and Metabase for internal debugging and external embedding, allowing clients to consume data insights directly from web pages.
- Develops machine learning scripts, utilizing models like XGBoost and performing hyperparameter tuning to enhance model accuracy and recall.

Role: Data Analyst

Technologies: Python, AWS, RDS, DMS, EC2, SQS, S3, DMS, Glue, Redshift, Lambda, Snowpipe, Quicksight, Metabase, Elasticsearch, XGBoost, MongoDB.

Rocbird

November 2021 - October 2023

Rocbird is a company of technology, innovation, and development of customized solutions that can help different companies in the digital transformation of their processes, providing the tools and qualified resources necessary to achieve your proposed objectives and gain a competitive advantage.

- Worked as a data analyst for the "Bancor" client, focusing on data and report migrations using various tools and stored procedures in SQL, along with Data Wrangling in Python.
- Collaborated with the data governance and UX teams to ensure results met the Central Bank's requirements while optimizing reports to enhance user experience.
- Participated in a project for "Evoltis," where he primarily focused on natural language processing using Python and OpenAI.
- Applied Whisper for speech analytics to transcribe and analyze data from phone conversations.
- Initially contributed to the "Naranja" project, overseeing various data quality initiatives at Naranja X, analyzing the entire pipeline, systems, and APIs involved.
- Conducted the corresponding ETL of data using tools such as Snowflake and KNIME.
- Developed dashboards while applying several machine learning models to enhance data insights.

Role: Data Analyst

Technologies: Python, SQL Server, SAP, QlikSense, Power BI, Open AI, Watson, Whisper, Snowflake, KNIME.

Galeon Investments LLC

April 2021 - October 2021

Galeon Investments LLC is a company based in Pennsylvania, that helps small investors access professional financial management services, minimize risk, and diversify their portfolios.

- Worked as a BI analyst, responsible for developing a strategy to analyze potential clients through a study of relational schemas.
- Implemented substantial improvements in brokers' funding and withdrawal methods, resulting in significant cost savings.

Role: BI Analyst

Technologies: Python, SQL, Tableau, ETL.

Renault Group

April 2018 - April 2021

Renault Group is at the forefront of mobility and is reinventing itself. Strengthened by its alliance with Nissan and Mitsubishi Motors, and its expertise in electrification, Renault comprises 4 complementary brands, Renault, Dacia, Alpine, and Mobilize, offering sustainable and innovative mobility solutions to its customers.

- Conducted reporting and analysis on the evolution of expenditures versus budgets using data visualization software to identify and propose corrective actions.
- Served as the HR Agile lead, implementing the FAST methodology in Human Resources management projects.
- Developed and implemented annual budgets and forecasts for each department within the organization.
- Acted as Argentina's delegate in the International Digital Club, focused on adopting technologies utilized in Renault's headquarters worldwide.

Role: BI & Financial Analyst

Technologies: SQL, Power BI, Tableau, Azure.

EDUCATION

- **Industrial Engineer,** National University of Cordoba, Argentina. 2014 - 2021.

LANGUAGES

- **Spanish:** Native
- **English:** Proficient (B2)