

NAHUEL NAVALES

DATA PROFESSIONAL



Date of Birth: February 22, 2003

ID: 44.710.426

Address: Buenos Aires, Temperley, Liniers 847

Marital Status: Single

Mobile: (54) 11-6761-9266

Email: navalesnahuel@gmail.com

Educational Background

- Primary School: Vicente Pallotti Institute
- Secondary School: Vicente Pallotti Institute

Degree Obtained: SECONDARY

Foreign Languages

English: Advanced (writing and comprehension); Intermediate (conversation).

Other Studies

- **Python (High-level, interpreted, general-purpose programming language).**

Course completed online at Harvard University.

- **SQL (Standard language for interacting with relational databases).**

Knowledge acquired through self-study.

- **Apache Airflow (Tool created to manage scalable and dynamic data workflows).**

Knowledge acquired through self-study and documentation.

- **Data Build Tool (Tool for transforming data reliably in the data warehouse).**

Knowledge acquired through courses provided by the tool.

- **Apache Spark (Allows processing large volumes of data in a distributed and in-memory fashion).**

Knowledge acquired through self-study.

- **Power BI (Data visualization tool for creating interactive reports).**

Knowledge acquired through courses provided by Microsoft.

- **Cloud Services (Executable services on remote server infrastructure).**

Knowledge acquired through self-directed online education.

Experiences / Projects

Project: Cryptocurrency Data Pipeline 2024

Description: Developed a data pipeline to extract, transform, and load cryptocurrency data from an API to a designated data warehouse for subsequent dashboard creation.

Processes:

- Developed functions to extract historical cryptocurrency price data from the CoinCap API.
- Implemented a function to upload the extracted data to a Google Cloud Storage bucket.
- Created a PySpark function to transform raw data and calculate daily, weekly, and monthly percentage changes in asset values.
- Integrated all functions into a DAG using Apache Airflow to orchestrate the complete workflow.

Project Links: [[Medium](#)] / [[Github](#)]

Project: Mitron Bank Financial Data Analysis 2024

Description: Created a comprehensive data analysis project to enhance understanding of customer spending patterns and provide strategic recommendations for a new line of credit cards.

Processes:

- Thorough data cleaning using Python and the Pandas library, removing duplicates and managing missing values to ensure accuracy and reliability of our analyses.
- Conducted detailed data queries using SQL, revealing crucial insights into customer spending habits and demographic trends.
- Developed an interactive dashboard in Power BI to effectively visualize and communicate key findings of the data analysis, facilitating understanding and strategic decision-making.

Project Links: [[Medium](#)]

Project: Olympic Data Engineering and Analysis using Azure Services 2024

Description: Leveraged Azure services for Olympic data engineering and analysis.

Processes:

- Utilized Microsoft Azure services (Storage Account, Data Factory, Databricks, Synapse) to create the workflow.
- Cleaned Olympic Games data with PySpark in Databricks.
- Created SQL queries for analysis. Visualized data with Synapse.

Project Links: [[Medium](#)] / [[Github](#)]

Portfolio

Visit my portfolio [here](#) to know more about me and see practical applications of my skills in data analysis, data engineering, and more.

References

Guillermo Noraites - Systems Analyst - Core Channels - ICBC (Argentina) S.A.

Phone: +54-1148202583