

Matías Zazzali

Bioengineer and Data Analyst

Málaga, Spain • +54-91140764739 / +34-646805306 • matizazzali@gmail.com • linkedin.com/in/matiaszazzali/ • https://matiaszazzali.github.io/

SKILLS

Programming Languages:	Python [Pandas, NumPy, Matplotlib, scikit-learn] (3 years), SQL (2 years), R (1 year)
Databases:	PostgreSQL (more than 1 year)
BI & Visualization Tools:	Power BI (less than 1 year), Looker Studio (1 year), MS Excel (4 years)
Versioning:	Git, Github (2 years)
Tools:	VS Code, JupyterLab, pgAdmin (2 years)
Frameworks:	Flask (1 year) - Django (less than 1 year)
Work Management:	Agile, Jira, Azure Devops (2 years)

WORK EXPERIENCE

International Health Services Argentina Product Owner	Buenos Aires, Argentina Sep 2022 - Mar 2024
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- Product Backlog Management with **JIRA** and **Azure Devops**
- Team **Leadership**
- Understanding of market and customer needs

International Health Services Argentina Data Scientist Jr.	Buenos Aires, Argentina Dec 2021 - Sep 2022
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- Design and implementation of **machine-learning** models using **Python**
- Development and deployment of Python APIs using **Flask**
- **SQL** database modeling

University of Buenos Aires Research Associate	Buenos Aires, Argentina Apr 2020 - July 2023
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- EEG **data cleaning** and organization in BIDS format (ETL)
- EEG data **preprocessing** (filtering, epoching, ICA)
- **Statistical Analysis** with Python
- Results **visualization** with Python and R packages

DATA PROJECTS

Golf Major Championships History

- Created a dynamic dashboard using **Power BI**, resulting in 4 visualizations of golf major champions around the world.
- Used an Excel File as a data source extracted by web scraping from a public website.

Covid 19 Statistics

- Used **SQL** queries to analyze and create views of Covid 19 Pandemic Data.
- Loaded the resulting tables into **Tableau** and published a dashboard to Tableau Public showing 3 different metrics and 3 dynamic visualizations displaying worldwide daily and total cases and vaccinations.

Golf Stats App and Dashboard

- Created a mobile application connected to a Google Forms to load each golf round data.
- Published Looker Studio report showing summarized data for each golfer and their results compared with PGA Tour professionals for each part of the game.

EDUCATION

Instituto Tecnológico de Buenos Aires, Argentina Bachelor of Science in Bioengineering (8.7/10)	Jul 2023
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ACHIEVEMENTS

Medal of Honor (ITBA) Earned Medal of Honor for having exceeded the standards required for graduation.	2023
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Research and Technology Development Initiation Competition Winner Designed Hand Bone Conduction Bracelet and won First Place. Presented the work at the Bioengineering Congress held in Uruguay in 2020.	2019
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Certificate of Merit in English Issued by Liceo Cultural Británico for obtaining the best average during the six year long English course	2014
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Languages

Spanish (native), English (advanced, B2+)