Emanuel Rodriguez Bedeman

Profile

Data Scientist and physician who graduated from UBA focused on delivering innovative solutions that improve people's lives and businesses.

Skills

Hard
- Python (advanced)
- Numpy
- Pandas
- Seaborn
- Machine Learning
- Scikit-learn
- Looker Studio
- Postgre SQL
- Docker
- Git - Github

Soft
- Leadership
- Problem-solving
- Teamwork
- Public Speaking

Languages

English

Upper Intermediate

Spanish

Native

Education

2020 - Present
Data Science
Self-taught

2014 - 2023
Medicine
Universidad de Buenos Aires (UBA)

Contact

Portfolio
emanuelrodriguezbedeman.github.io/Portfolio

Linkedin
in/emanuel-rodriguez-bedeman/

Github
/EmanuelRodriguezBedeman

Email
emanuel.rodriguez.bedeman@gmail.com

Location
Lanús Oeste, Buenos Aires, Argentina

Experience

Tutor
Courses "Python Programming" & "Data Analysis" | HumAI | Argentina
2024 - Present

- Instructor in charge of consultation classes for these courses

Instructor
Course "Python for Data Analysis for Beginners" | UNDAV | Argentina
2024 - Present

- Lead professor of the course.
- Planning, delivering, and recording live classes.
- Guiding students through practical exercises and projects.
- Managing material on virtual campus of UNDAV.

Data Scientist
Laboratorio de innovación en tecnología y salúd pública | Argentina
2022 - Present

- Project Leader of the "*Dengue Dashboard*", responsible for data visualization and trend analysis for decision-making.
- Mentor at the "*Datathon*" event alongside MIT in the Perinatal Information System Challenge, supervising teams in evaluating childbirth quality and newborn health using advanced analysis and machine learning.
- Conducted statistical analysis and developed a predictive model (*CatBoost*) for university dropout rates as part of the "Educational pathway Data Analysis" project.

Projects

SQL Data Management App   **Try me**
Python & MySQL

This app allows the users to create and manage his/her own SQL databases through a friendly UX, allowing them to manipulate and work their data locally and easily connect it to other sources.

Dengue Dashboard   **Try me**
Looker Studio

A one-stop window on the key metrics of the Dengue epidemiology in Buenos Aires, with automated data sources and dynamic visualizations, that allow users multiple breakdowns by neighborhoods and age groups.

Educational pathway Data Analysis   **Try me**
Python, Pandas, Seaborn, Scikit-Learn & Catboost

Using advanced statistical analysis and machine learning techniques I identified crucial factors in academic dropout. The results were shared in different stages with other universities and stakeholders allowing them to design better policies.