

XAVIER LÓPEZ

Data Scientist

@ xavier.lopeze@gmail.com

+34 619 91 63 53

📍 Sabadell, Barcelona, Spain

🌐 <https://github.com/xavierlopeze>

in <https://www.linkedin.com/in/xavierlopeze>

SKILLS

Python

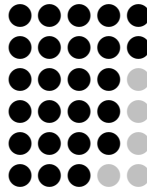
SQL

Airflow

Tableau, DataViz

Datadog

Git, Docker



English C1



EXPERIENCE

Game Data Analyst

Tangelo Games

📅 Jun 2021 - Present

📍 Barcelona

Data Analyst specialised in the f2p social casino mobile games Best Casino and Best Casino Legends. Also perform Data Engineering tasks to help the games of the entire group.

- Adapt corporate strategy and best practices to provide BI to the games I support.
- Dashboard implementation, automatizing, and maintenance.
- ETLs development, tracking, and maintenance.
- Follow product development with the design of events models to track feature performance, including A/B testing.
- Support Backend, CRM, VIP managers, and monetization teams with data solutions such as performance analysis, ETLs delivering metrics, dashboards and analytics of user behavior.
- Maintenance and support for corporate analytical processes.

Tools: python, SQL, Tableau, git, airflow, AWS (S3, Red-shift), Datadog, jira, zeppelin, jenkins, docker

SAP BI Consultant - Technical Analyst

Stratesys

📅 November 2017 - Present

📍 Barcelona

Nov. 2017 - Oct 2019

Proficiency in building **reporting** solutions in spreadsheet format with SAP Analysis for Office and in **data visualization** in dashboard format using SAP Analytics Cloud, developed solutions for +10 clients from a wide range of industries such as construction, pharma, retail, public transport, manufacturing, and fashion.

The most relevant project has been for the main public transport player in Barcelona for where I developed the data model in SAP Hana database and report the insights on SAP Analytics Cloud dashboards. The project includes an advanced analytics part aiming to predict non-coverage of subway services using machine learning implementations in R.

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EDUCATION

Universitat de Barcelona

MSc on Foundations of Data Science

📅 September 2020

📍 Barcelona

Universitat Autònoma de Barcelona

BSc in Mathematics

📅 July 2017

📍 Bellaterra, Barcelona

Minor in Statistics and Mathematical Engineering

PROJECTS

Deep Learning With Noisy Labels - MLNT

- (Final master's project) We reviewed the state of the art of *Deep Learning with Noisy Labels*, reproduced an implementation of a state of the art technique (MLNT) and fine-tuned it on a novel dataset (Food-101) for image classification purposes, proposing tailored made variations along the way to improve performance.
- Project received a 9.5/10 score
- Was supervised by Dr. Petia Radeva (for references petia.ivanova@ub.edu)
- Code: Implemented in PyTorch https://github.com/xavierlopeze/PFM_Noisy_Labels

Movie Recommender System

- Final product available at: <http://filmrecomander.herokuapp.com/>
- Team project where we developed a movie recommender system, I was in charge of the development of the recommender system (the machine learning part of the project)
- The data extraction was done using an API and the model was a simple variation of KNN that did explainable and insightful recommendations, eg: given "Interestellar" it recommended "Space Odyssey". It was developed in pandas, pytorch and scikit-learn.

A/B Testing ecommerce

- A/B Testing for an ecommerce, checking if a new feature has a significant impact on conversion rates.
- <https://github.com/xavierlopeze/AB-Testing-Website-Conversion-Rates---Udacity>
- Developed during the Udacity Data Analyst Nanodegree.

Space Invaders Videogame

- A Java implementation of the classic space invader videogame to get familiar with OOP.
- <https://github.com/xavierlopeze/space-invaders>

Mathematics Tutor - Freelance in Privat School

Freelance - Superprof.es

📅 Sep. 2015 - Sep. 2018

📍 Sabadell, Barcelona

Freelance private tuition of high school and university students.

Achieved the highest rank (ambassador) on the platform superprof.es, where I grew organically and became the first result for any search in mathematics in my hometown (Sabadell) by having more positive and verified reviews than any other local competitor.

Mathematics Tutor

Repàs Dígit Sabadell

📅 Jun 2014 - Sep 2015

📍 Sabadell, Barcelona

Maths teacher for secondary education, high school and university students.
