



Eric Narro

Junior Data Analyst

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## About

Very curious person, learning the latest in technology and programming languages. Highly motivated, problem solver and critical thinker, looking to excel with a team of highly motivated and talented professionals, with a startup spirit.

## Skills

🐍 Python, 📊 R, 🌐 PHP, 📄 JS

🗄 SQL (MySQL, SQLite, Postgresql, DB2)

☁ Cloud / Systems

📊 Data Visualization

📄 Presentation

🗣 Languages: English, French, Spanish

🐍 Python : Pandas, BS4, Tabula, Selenium, NumPy, Scikit-Learn, Matplotlib, PyPlot, Plotly, Dash, Folium, Django, Flask, Tkinter, PyQt, PyQGIS, Pillow

📊 R : tidyverse, ggplot, gmap, distill

☁ Systems: LINUX, 🐳 GIT, Docker, 🐳

AWS, Google Cloud, IBM Watson

📊 Visualization: Python/R, excel, 📊, Tableau dashboards

📄 Presentation: good written and oral communication skills, PowerPoint, 📄, LaTeX, Markdown

## Developed Projects

- 04/2022 Analyzing bike share data R, published on github pages  
Conducted data Analysis project with insights and call to action. Performed data cleaning, analysis and visualization. Published in personal portfolio blog created with the R distill package and RStudio. Accomplished during as part of the Google Data Analytics capstone project.
- 02/2022 Administrative Management Web App HTML, PHP, JS/Bootstrap, MySQL  
Created an app to generate pdf contracts and sign them. Hosted the app. Contracts were stored in a MySQL database and managed within the app. Time was saved on the task, avoiding calculation mistakes optimized the workflow and avoided the loss of paper documents.
- 01/2022 Applied Data Science project - IBM Data Science Certificate Python, SQL  
Predicted Falcon 9 landing success rate with data from the API and web scrapping. Exploratory Data Analysis (EDA) implemented with python and SQL. Data wrangling, visualization, and algorithms for ML prediction (Logistic regression, support vector machine and decision tree classifier which were compared with confusion matrices.
- 07/2021 Python plugin for Qgis : Point Cadastre Python  
Quickly associated land registry information from data collected from the field with Qfield. The workload of 1 day was done in minutes when data needed to be communicated quickly (since linked to pest control).
- 02/2021 Scripts for data extraction and wrangling: CVI Geometry Python  
Automated data extraction and wrangling, leading to several days of work saved for more valuable tasks. These scripts also allowed using data with specialized software for data visualization and for data field collection.

## Education

- 04/2022 Google Data Analytics Specialization Coursera  
Used tools including spreadsheets, SQL, Tableau, and R. Learned how to prepare, process, analyze, and share data for thoughtful action
- 01/2022 IBM's Data Science Professional Certificate Coursera  
Discovered data science methodology, Python for data science and Artificial Intelligence (AI) using Jupyter Notebook, Databases and SQL with DB2 in IBM Watson, Data visualization with matplotlib, plotly, Dash and Folium
- 09/2018 - 06/2020 1st year - BS in Computer Science IED - Université Paris 8  
Learned Python, C, LISP, Web stack (HTML, CSS, JavaScript, PHP, MySQL and hosted a site in a AWS EC2 instance), system administration (Linux with Bash), computer architecture. Used Jupyter Notebook or IBM Watson
- 09/2010 - 06/2012 M.Sc. Viticulture and Oenology Université de Bordeaux 2
- 09/2006 - 06/2010 B. Sc. Biology Universidad Autonoma de Madrid (UAM)  
Included calculus, algebra, statistics, bio-statistics and bio-informatics

## Experience

- 11/2020 - 05/2022 Vineyard Counselor and team manager - 19 month Agrobio Perigord  
Tested several pest control solutions performed statistics with R. Wrote reports with geographical data visualization. Automated tasks with programatic solutions using python and web applications using HTML5, Javascript, PHP and MySql databases.
- 02/2016 - 05/2020 Vineyard technician - 4 years 3 month Vignerons de Passa Saint André  
Gave advise, sorted and selected harvest. Automated tasks with excel.
- 07/2015 - 02/2016 Vineyard technician - 6 month Louerion terres d'Alliance  
Provided advice and selected harvest using specialized software and excel
- 07/2014 - 07/2015 Project Manager - 1 year Demeter France  
Conducted meetings in several regions to update production standards
- 07/2013 - 03/2014 Cellar worker - 9 month Château La Tour de By  
Performed wine-making operations and regularly reported to manager

## More information

Currently expanding knowledge in statistics and data science, training myself in other visualization tools like Power Bi. Actively networking on linkedIn and other channels.