



Eric Narro

Data Analyst

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About me

I started learning programming because I was interested in automating some tasks at work. I really found it fun since I love messing with data and turning it around to make it "speak" (I was already a huge fan of excel pivot tables). The more I learn about data science the more I like it and now I am seeking a junior role as a data analyst.

Skill

🐍 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
📺 Presentation: good written and oral communication skills, PowerPoint, 📊, LaTeX

Projects

- 2022 Analyzing bike share data R, published on github pages
Data Analysis project with insights and call to action. Performed data cleaning, analysis, visualization and published in my personal blog with the R distill package and RStudio. Google Analytics capstone project
- 2022 Administrative Management Web App HTML, PHP, JS/Bootstrap, MySQL
Create contracts and sign them with the app. Generating PDF files. Contracts are stored in a MySQL database and can be managed within the app. This app made the team save time, avoid calculation mistakes, made workflow easier and avoided the loss of paper documents.
- 2022 Applied Data Science project - IBM Data Science Certificate Python, SQL
Predicting Falcon 9 landing success rate with data from their API and scrapping. EDA 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.
- 2021 Python plugin for Qgis : Point Cadastre Python
Quickly associate land registry information from data collected from the field with Qfield. It resulted in substantial time saving when data needed to be communicated fast (since it is linked to pest control).
- 2019 - 2022 Several scripts for data extraction and wrangling 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

- 2022 Google Data Analytics Specialization Coursera
Tools and platforms including spreadsheets, SQL, Tableau, and R. Learned how to prepare, process, analyze, and share data for thoughtful action
- 2022 IBM's Data Science Professional Certificate Coursera
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
- 2018 - 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
- 2010 - 2012 M.Sc. Viticulture and Oenology Université de Bordeaux 2
- 2006 - 2010 B. Sc. Biology Universidad Autonoma de Madrid (UAM)
Included calculus, algebra, statistics, bio-statistics and bio-informatics

Experience

- 2020 - 2022 Vineyard technician and coordinator - 19 month Agrobio Perigord
Counselor and team manager. Experimental design and statistics with R. Create reports with geographical data visualization. Automated tasks with python and web applications using HTML5, Javascript, PHP and MySQL databases.
- 2016 - 2020 Vineyard technician - 4 years 3 month Vignerons de Passa Saint André
Counseling, harvest selection. Automated tasks with excel and python
- 2015 - 2016 Vineyard technician - 6 month Louerieon terres d'Alliance
Technical advice, harvest selection using specialized software and excel
- 2014 - 2015 Project Manager - 1 year Demeter France
Conducted meetings in several regions to update production standards
- 2013 - 2014 Cellar worker - 9 month Château La Tour de By
Wine-making and wine aging operations