

Daniel A.

Website: dac.ac

Email: d@dac.ac

Github: [@dreth](https://github.com/dreth)

EDUCATION

- **Universidad Carlos III de Madrid** Madrid, Spain
Master in Statistics for Data Science September 2020 - September 2021
- **Instituto Tecnológico de Santo Domingo** Santo Domingo, Dominican Republic
Bachelor's degree in Mathematics and Actuarial Science August 2015 - October 2019

SKILLS SUMMARY

- **Languages:** Python, R, SQL, Bash, Javascript
- **Frameworks:** Manipulation, visualization of data/arrays and basic ML modelling in Python/R
- **Tools:** Git, Docker, DB design, Spreadsheets/Excel
Basic web development (html, css, js)
- **Platforms:** Familiarity with Linux/macOS/Windows
- **Other:** Understanding of the decentralized finance market
Passion for teaching, writing and presenting information

LANGUAGES

- **Advanced/Native:** Spanish, English. • **Intermediate:** Dutch. • **Basic:** Italian.

WORK EXPERIENCE

- **Populate** Madrid, Spain (remote)
Data Scientist (Full-time) September 2021 - February 2022
 - Creating interactive dashboards using Metabase through SQL queries and Metabase's UI
 - Preparing a daily data integrity checking pipeline using Python and Great Expectations
 - General data analysis using public contracting data from Spain's public contracting platforms
 - Improving upon and maintaining a deep learning model to predict proposals on tenders
 - Fully remote work
- **Cervecería Nacional Dominicana** Santo Domingo, Dominican Republic (remote)
Field Business Data Scientist (Full-time) March 2020 - August 2020
 - Cleaning up and manipulating data to create mineable views
 - Preparing a full data science pipeline for predictive models based on sales data
 - Feature selection for modeling and model tuning
 - Clustering clients based on their sales of specific products and internal classification in order to find a more accurate targeting to increase local marketshare
 - Utilizing Azure Databricks to effectively deploy, clean up and tune models for sales prediction during the ongoing COVID-19 pandemic at the time
 - Fully remote work
- **Referencia Laboratorio Clínico S.A.** Santo Domingo, Dominican Republic
Bioinformatician and data scientist (Full-time) August 2019 - March 2020
 - Extracting, cleaning up, processing, visualizing and manipulating data with Pandas
 - Programming simple software solutions in order to automate manual tasks and avoid redundant processes
 - Constructing databases from raw text data
 - Analyzing genetic sequence data to find genetic mutations in patients
- **Seguros Sura** Santo Domingo, Dominican Republic
Vehicle insurance subscription representative (Full-time) April 2019 - August 2019
 - Programming/building utilities to quicken the quote-giving process
 - General data analysis and reporting on sales/accident rate for different insurance policies or groups of insurance policies
 - Giving quotes for individual vehicle insurance policies and fleets of vehicles
 - Pricing/discount analysis during the quote-giving process
- **Sainz Tutoring** Santo Domingo, Dominican Republic
Mathematics and physics tutor (Part-time) November 2016 - May 2019
 - Math tutor for high school and university students, from basic arithmetic to integral calculus.
- **Business Computer POS** Santo Domingo, Dominican Republic
Tech Support (Full-time) May 2015 - October 2015
- **Alonso & Colado SRL** Santo Domingo, Dominican Republic
Marketing Staff (Full-time) January 2014 - August 2014
 - Creation of designs for ads
 - Introduction and filling of data in a client database
 - Mass emailing to customers
 - Social media management

PROJECTS

[View all my projects on my website](#)