

ADRIANA J. MACHADO | DATA ANALYST | DATA SCIENTIST

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ABOUT

Since 2020, I've been developing my skills in Python, data analytics, and data science to make an impact on quality of life and the sustainability of the environments in which our human experience operates. I also have experience in startup operations leadership.

Skills: Data Analysis, Data Cleaning, Supervised and Unsupervised Machine Learning (ML), Predictive Modeling, Data Visualization, Big Data, Hiring, Onboarding, Coaching, Digital Photography, etc.

Technologies: Python, Jupyter, SQL, Tableau, Jira, GitHub, Figma & Lucid Chart, Lightroom & Photoshop, Excel, MS Office, Google Suite, Salesforce Sales Cloud, Breezy (ATS), Typeform, Airtable, WordPress, AWS, Google Cloud, Streamlit, etc.

Python libraries: Pandas, Geopandas, NumPy, SciPy, Matplotlib, Seaborn, Folium, Scikit-learn, nltk, Beautiful Soup, Keras, etc.

DATA SCIENCE PROJECTS

APRIL 2021 - PRESENT

Cycling Metrics Modeling and Mapping

- Extracted and combined Garmin .gpx trackpoint data and OpenWeather API data. Strava API was used for summary statistics
- XGBoost was used to create a regression model with a training R^2 score of 98.88% and a testing R^2 score of 97.19%
- [Final product in Streamlit with interactive Tableau dashboards](#)

[In Progress] City of Los Angeles 311 Request Data

- Gathered 311 data with an API a teammate built, gathered shape files from the US Census and City of LA, performed geospatial data analysis & visualization, cluster analysis, etc.

Reddit API, Natural Language Processing, and Classification Modeling

- Used the Reddit Push Shift API and bs4 web scrapping to pull 6000 posts from two subreddits
- Performed an nltk Sentiment Intensity Analysis and created a classification model with sklearn's Count Vectorizer, Multinomial Naïve Bayes Classifier, and Grid Search with 95%+ train and test accuracy scores

EXPERIENCE

Hack for LA – Data Science Project Volunteer

SEPTEMBER 2022 – PRESENT

WOVN Distribution – Business Analyst & Recruiting Coordinator (FT)

MARCH 2021 – MAY 2022

- DevOps: UI mockups, flow charts, user stories, use cases, analytics, etc.
- ATS management, hiring, onboarding, ad hoc HR | +100% in hiring | +\$1M GMV

Nabis Distribution – Director of Operations (FT)

APRIL 2019 – DECEMBER 2019

- Coached/hired staff (+140%) | Brand management (+76.92%) | +213.40% GMV | Promoted 2x
- Regulatory contact, audit & SOP management, etc.

The Apothecarium – Operations Manager (FT)

AUGUST 2016 – APRIL 2019

- +457% in inventory management | Coached & trained staff | Opened 3 storefronts | Promoted 2x

Northgate Environmental Management – Administrative Assistant (FT)

AUGUST 2015 – MAY 2016

- Office management, deliverables production, project & contract coordination, etc.

EDUCATION

General Assembly | *Full-Time Data Science Immersive* | 480+ hrs

MAY 2022 – SEPTEMBER 2022

Correlation One | *DS4A Fellowship – Honors and Endowed Scholar* | 300+ hrs

MARCH 2021 – SEPTEMBER 2021

Georgia State University | *B.A. Philosophy, Mathematics minor*

AUGUST 2007 – MAY 2014