

MARIO AGBAN

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EDUCATION

University of California, Berkeley | B. A. Applied Mathematics and Data Science

2018 - 2022

SKILLS

- **Programming:** Python, SQL, R, Regex, JS, HTML, CSS
- **Data Pipeline:** dbt, Fivetran
- **Product Analytics:** Google Analytics, Amplitude, Segment
- **Business Intelligence:** Tableau, Looker, Power BI, Jupyter Notebook
- **Spreadsheets:** Excel, Sheets
- **Packages:** Ggplot, Pandas, Seaborn, Matplotlib, NumPy, Sci-Kit Learn, TensorFlow, Pytorch, Plotly, Scipy
- **Statistical Techniques:** Hypothesis Testing, A/B Testing, Confidence Intervals, Bootstrap, Modeling

PROFESSIONAL EXPERIENCE

Regional Data Coordinator

Los Angeles, CA

Citizens of the World, Los Angeles

Oct 2024 – Present

- Managed end-to-end student information systems (Aeries) and digital learning platforms (e.g., Clever, NWEA, Forefront), ensuring data integrity across five charter schools serving 2,000+ students.
- Led compliance reporting for CALPADS, CRDC, SARC and other federal/state submissions, streamlining data workflows and improving on-time report accuracy.
- Developed and maintained data workflows and dashboards using Excel, Google Sheets, and Tableau exports to support compliance, assessment tracking, and school performance reporting.

Analytics Engineer Fellow

Remote

Modern Data Lab

Jul 2022 – Oct 2024

- Leveraged the modern data stack to extract, clean, and transform real-world datasets using SQL and presented insights using Tableau
- Coursework included Excel, PostgreSQL, Snowflake, Tableau, dbt, Looker, and statistics

Data Analyst Intern

West Lafayette, Indiana

Purdue University | Project | Lead Researcher Dr. Alessandro Selvitella

Apr 2022 – Jul 2022

- Analyzed and cleaned COVID-19 data with Foursquare API, Python and Pandas/NumPy
- Visualized infection rates and machine learning-generated clusters via interactive maps created with Matplotlib
- Algorithmically scored locations based on infection rates and ranked by contribution to coronavirus cases
- **Results:** Used exploratory data analysis and ML techniques to examine different types of popular venues present in a Texas county that made an impact on the COVID-19 infection rate and created a ranked list of the most "dangerous" types of venues.

Data Analyst Intern

Metro Area, Washington DC

LEED Green Building Council | Project

Sep 2021 – Dec 2021

- Inspected data to derive insights and identified correlations and patterns to apply statistical methods to analyze data in MySQL Workbench
- Developed reports and dashboards the business stakeholders, APPs, programmers, and analysts to pull from the enterprise data repository
- **Results:** Migrated 38% of the company data from Yellowfin to Power BI

Data Analyst Intern

San Francisco, CA

Carpe Med Travel | Project

Jun 2021 – Sep 2021

- Extracted, scraped, cleaned, and analyzed raw tabular data from hospitals in CSV and JSON formats
- Designed pipelines to automate extraction, transformation, and loading of data into repositories of new medical data for heat map visualizations

PROJECTS

LA Crime Dashboard

Aug 2024

My project delves into a comprehensive analysis of crime statistics in Los Angeles from 2010 to 2023, offering valuable insights into the evolving landscape of crime in the city.

Accenture Client Dashboard

Jul 2024

Advised a social media client (Social Buzz) on their content creation strategy because they reached a massive scale and did not have the resources to internally handle it. I offered insights to understand business decisions and recommendations on next steps.