

# DARLA VALDERRAMA

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**SKILLS** Python, SQL, R, SAS, Machine Learning (Scikit-Learn, Clustering & Customer Segmentation), Predictive Modeling, Statistical Learning, Data Manipulation (Pandas, NumPy), Data Visualization (Tableau, Power BI, Matplotlib), Exploratory Data Analysis (EDA), ETL Processes (Cloud Data Warehousing), MySQL, MongoDB, Jupyter Notebook, Fluent in Spanish

## EDUCATION

**Bachelor of Science in Data Science, Minor in Computer Science** – College of Charleston

December 2024

## EXPERIENCE

**Data Analyst Intern – Buena Ola Capital**

Brooklyn, NY

June – August 2021

- Led a team project using Python in Google Colab to interpret data and analyze results, employing advanced statistical techniques within the triple bottom line framework, driving valuable insights for sustainable decision-making.
- Streamlined data preparation pipelines for predictive financial models (Alphalens) by performing ETL operations on complex datasets using SQL and BeautifulSoup, boosting model accuracy by 15% for better investment forecasting.
- Researched lobbying data and explored correlations with companies' relative returns, utilizing advanced data visualization techniques and time series analysis, yielding actionable insights that informed strategic investment decisions.

**Data Analyst Intern – International Foundation for Electoral Systems, IFES**

Arlington, VA

June – August 2021

- Evaluated demographic data using SQL to uncover trends and identify factors driving program success, supporting data-driven decisions.
- Partnered with the Ambassadors Subcommittee and Anti-Racist Task Force to facilitate IFE's efforts to advance diversity and global inclusivity initiatives through impactful guidance.
- Created detailed technical documentation to communicate findings/recommendations to internal and external stakeholders.

**Technical Support Specialist – TD Bank**

Greenville, SC

April 2022 – September 2024

- Analyzed data to resolve complex customer issues, escalated high-risk transactions, and implemented data validation procedures, ensuring compliance and improving operational efficiency.
- Delivered multi-channel support (chat, phone, email), leveraging data to resolve financial transactions issues for consumer banking services and increasing customer satisfaction by 23%.

## PROJECTS

**LLM Fine-Tuning Interface – Querri** (MongoDB, Express, React, Node.js, JavaScript, VSCode)

Charleston, SC

January – June 2024

- Co-developed a browser-based interface to streamline the creation and management of training datasets for AI model fine-tuning, reducing dataset preparation time by 31%.
- Achieved a 20% gain in model training efficiency through extensive work with OpenAI's generative pre-trained models and open-source frameworks like Llama and Mistral.
- Collaborated with cross-functional teams in an Agile environment to deliver project analysis and implementable recommendations to over 50 stakeholders, including CEOs and Product Owners.