

DARLA VALDERRAMA

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SKILLS SQL, Python, R, SAS, Data Manipulation (Pandas, NumPy), Data Visualization (Tableau, Seaborn, Matplotlib), Statistical Learning, Predictive Modeling, Machine Learning (Scikit-Learn), Exploratory Data Analysis (EDA), ETL Processes, MongoDB, MySQL, 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.
- Performed ETL operations on complex datasets using SQL and BeautifulSoup, generating well-structured CSV files for predictive financial models using Alphalens, resulting in a 15% boost in model accuracy and increasing forecasting precision.
- Researched lobbying data and explored correlations with companies' relative returns, utilizing advanced data visualization techniques and time series analysis, resulting in actionable insights for strategic investment decisions for firm.

Data Analyst Intern – International Foundation for Electoral Systems, IFES

Arlington, VA

June – August 2021

- Provided insights into trends impacting IFES programs by identifying key factors leading to positive outcomes, supporting strategic decision-making with relevant data.
- Leveraged SQL to gather and analyze demographic data, collaborating with the Ambassadors Subcommittee and Anti-Racist Task Force to facilitate IFE's efforts to expand diversity and global inclusivity.
- Documented processes and findings in technical reports to support internal and external stakeholders.

Technical Support Specialist – TD Bank

Greenville, SC

April 2022 – September 2024

- Explored data to resolve complex customer issues and escalate high-risk transactions, while providing expert advice on banking products and services, and implementing data validation and testing procedures.
- Engaged with clients through multiple channels (chat, phone, email) to guide them through consumer banking services, focusing on effective problem-solving for a broad range of financial transactions, improving 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 finetuning, reducing dataset creation time by 31%.
- Achieved a 20% gain in model training efficiency by through extensive work with OpenAI's generative pre-trained models and opensource alternatives like Llama and Mistral.
- Enhanced leadership and collaboration by rotating roles, including Scrum Master, in an Agile environment. Presented project results to over 50 CEOs and Product Owners.