

Luis E. Vivar

Machine Learning | Software Engineer

+1 (954) 643 - 2889 | info@luisvivar.com | [GitHub: luisvivar](https://github.com/luisvivar) | [LinkedIn: luisvivar](https://www.linkedin.com/in/luisvivar) | [Website: LuisVivar.com](https://www.LuisVivar.com)

SKILLS

- **Programming Languages:** Python, R, JavaScript
- **Libraries & Frameworks:** SQL, Pandas, Numpy, Matplotlib, Seaborn, Folium, PyTorch, SciKit-Learn, React, Next, TypeScript, Google Cloud, AWS, APIs, GIT, GitLab

RELEVANT WORK EXPERIENCE

Software Engineer, Front End | Juvare - Atlanta, GA (Aug. 2022 - Present)

- Analyze and visualize **SQL** server data to improve performance and decision-making processes.
- **Develop web apps** and dashboards to help federal agencies support and handle their **databases**.
- Collaborate with data teams to structure and **query large datasets** for optimized reporting.
- Integrate rest **APIs** to optimize **data exchange** between internal and client systems.

Front End Engineer | The 3RD Eye - Miami, FL (Oct. 2021 - Dec. 2022)

- Developed **data-driven web applications** to enhance **marketing analytics** and visibility for clients.
- Integrated **API and data pipelines** on structured / unstructured data to improve applications' functionality.
- Leveraged **JavaScript (React, Node.js)** and **SQL databases** to query and display business insights.
- Implemented **data visualization** tools and dashboards, translating complex data into actionable insights.

Front End Web Developer | Dan Marino Foundation - Ft. Lauderdale, FL (Aug. 2020 - Sep. 2021)

- Deployed a secure **donations portal with data validation**, improving transaction efficiency by 78%.
- Leveraged **analytics tools** to track user behavior and optimize retention on the main web portal by 24%.

Web Developer | Cardone Training Technologies - Aventura, FL (Aug. 2018 - Aug. 2020)

- Applied **statistical analysis** and **visualization techniques** using Python libraries (e.g., Pandas, Matplotlib) to generate business insights.

EDUCATION

Master of Science in Data Science | University of Colorado Boulder (2022 - 2024)

Bachelor of Arts in Data Visualization | Instituto Técnico Universitario IGAD (2011 - 2015)

PROJECTS

SpaceX Mission Outcome Analysis and Prediction

IBM - Applied Data Science Specialization (2024)

Analyzed SpaceX launch data to determine key factors influencing mission success rates. Conducted **exploratory data analysis (EDA)** to uncover insights about launch trends, success rates by location, and payload impacts. Designed and implemented **machine learning models** to predict launch success probabilities.