

## CONTACT

### LinkedIn

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### Shiny Apps

[https://ymartinez.shinyapps.io/PracticeRevenueEstimator/?\\_ga=2.109052550.2480545.1644969371-2014832705.1641515496](https://ymartinez.shinyapps.io/PracticeRevenueEstimator/?_ga=2.109052550.2480545.1644969371-2014832705.1641515496)

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I enjoy solving problems and I believe data holds the key to helping companies address their issues. As a consultant for 13 years and an Army officer for 7, I have spent my career looking for efficiencies that help my employer use their resources wisely and efficiently.

## YVONNE MARTINEZ

Data Scientist

## APPRENTICESHIP

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### **Nashville Software School**

2021 Sep to Present

9 months hands on project based program learning software engineering skills required for learn data science.

- Created a calculator to help hospitals and/or physicians estimate revenue. This tool will allow them to quickly estimate revenue goals without sorting through spreadsheets
- Wrangled data and performed exploratory data analysis using Python's pandas library and R's tidyverse packages
- Created data visualizations using matplotlib, seaborn, and ggplot2
- Performed geospatial analysis using geopandas and folium
- Gathered data through APIs and webscraping
- Retrieved and analyzed data using PostgreSQL
- Performed network analysis on graph data using Neo4j
- Built and deployed interactive data visualizations using the R Shiny library
- Source code version control with Git/GitHub
- Project management/tracking with GitHub project boards and issue tracking

## WORK EXPERIENCE

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### **SBG Technology Solutions, Analyst**

Responsible for the delivery of a wide range of consulting assignments for the Veterans Administration (VA). These assignments support the Interoperability Office covering operations, business process reengineering, and project management efforts between the Department of Defense and VA

2015 Aug to Present

- Lead the identification of processes for analysis, improvement, and implementation
- Documented processes within the various departments for analysis, improvement and implementation.
- Manage the review and editing deliverables by collaborating with several stakeholders from other departments and respective contracting staff.
- Ensure timely execution of deliverables by communicating needs and risk to the client.
- Develop briefs for executive level managers to facilitate decision making

### **Deloitte LLC, Senior Consultant**

2008 Mar to 2015 August

Process Improvement and Organizational Design

- Designed and led workshops with key leaders of strategic suppliers, resulting in strategic partnerships
- Worked with Human Resources on the organizational design of the 58-person client team. This included redefining roles, responsibilities, process changes, and workflow management
- Solution was briefed to the White House as an example of savings through use of green technologies

#### Health IT Requirements Management, Project Lead

- Fostered inter-agency collaboration by building trust with stakeholders and facilitating communications across and outside the organization
- Coordinated the development of key deliverables such as a Memorandum of Agreement, Business Case, Workflows, Use Cases, Working Group Charters, white papers, and other project management documentation
- Developed leadership briefings for acquisition decision
- Prepared clients for upcoming briefings to decision makers and stakeholders
- Oversaw requests received from the end user by obtaining leadership validation, delegation of work to supporting analysts and monitoring and controlling the progress of the request throughout its lifecycle
- Identified and developed a plan of action for process improvement such as improvement in forms, system functionality and data capture needs
- Developing a standardized dashboard for submissions reporting
- Streamlining submissions process with stakeholders and developing standard operating procedures

#### **US Army, Captain**

January 2002 to July 2011

Responsible for a wide range of projects to include supply chain, and operations.

- Introduced cost/benefit analysis throughout the procurement process and improved overall system by efficient demand planning and supplier selection.
- Responsible for the development and creation of a new unit to respond to state emergencies operating with other agencies in a Joint Operations Center. Tested the Unit's ability to respond to a state emergency during a simulated exercise and during the Presidential Inauguration.

#### **EDUCATION**

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**Nashville Software School** – 2021 Sep to Present

Data Science Apprenticeship

**Indiana University**

Master of Science in Business Analytics,

**University of Memphis**

Bachelor of Arts in Political Science and Spanish