

Randy Gonzalez

Data Analyst

Contact:

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[LinkedIn](#) | [GitHub Portfolio](#)

Skills:

Technical: SQL (PostgreSQL), Excel (Advanced), Python (Pandas, NumPy)
Power BI, Tableau, Word, PowerPoint,

Math: Probability, Statistics, Optimization, Algorithms, Finance

Soft: Detail-Oriented, Storytelling, Effective Communication, Problem Solving, Research, Teamwork

Summary:

Data Analyst with a B.S. in Applied Mathematics from UCLA and hands-on experience in Excel, SQL, Tableau, Power BI, and Python. Skilled in data cleaning, data visualization, dashboard design, and exploratory analysis through applied projects in sales, customer behavior, and marketing with business intelligence (viewable via GitHub Portfolio). Strong background in business operations and stakeholder communication from 7+ years of experience in a construction setting. Actively seeking entry-level data analyst roles to leverage technical and analytical expertise in a collaborative, data-driven environment to drive process improvement and strategic decisions.

University of California – Los Angeles (September 2017 – June 2021)

Bachelor of Science in Applied Mathematics, Minor in Statistics

Work Experience:

Executive Assistant – Strong Ties Construction, Inc. (June 2018 – Present)

- Coordinated with clients, vendors, and employees to ensure clear project communication and accurate documentation.
- In 2024, spearheaded research on materials and services for cost-efficiency, leading to increases in profit by 12%.
- In 2025, investigated loans to optimize company investment strategies, decreasing potential interest rates to pay for by 3.5%.
- Developed Excel spreadsheets for payroll tracking and operational reporting for 10+ projects.
- Reviewed and edited documents, invoices, and correspondences before publication.
- Delivered materials to and from project locations.

Independent Data Analysis Projects:

Brew Heaven Data Analysis (Sales, Customer Feedback, & Inventory Optimization w/ Power BI)

- Goal: Create a Dashboard for Sales and Management to track performance and inventory
- Method: Perform and automate ETL processes with Power Query and improve stakeholder experience through interactive and accessible visualizations
- Insight: Analysis revealed overstocking of coffee products and underperformance in pastry categories
- Recommendation: Shift inventory and marketing focus towards pastries to optimize sales and increase profit

Video Game Sales Analysis (Regional & Genre Trend Analysis w/ MS Excel)

- Goal: Validate or challenge the company's assumptions for future regional marketing strategies
- Method: Cleaned data with filter and duplicate removal functions, aggregated data and performed exploratory analysis with pivot table, and created visualizations with bar, line, and pie charts
- Insight: Distribution of sales vary based on region and genre, which challenges previous assumptions
- Recommendation: Focus marketing based on recently rising popularity in genres for each region

Courses & Certifications (Coursera):

- [SQL for Data Analysts](#)
- [Preparing Data for Analysis w/ Microsoft Excel](#)
- [Getting Started with Python](#)
- [Mastering Data Analysis with Pandas \(Pt 1-3 of 5\)](#)
- [Fundamentals of Data Visualization w/ Tableau](#)
- [Harnessing the Power of Data w/ Power BI](#)
- [Introduction to Finance: The Basics](#)