

KYLE BIAGAN

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EDUCATION

University of California, Irvine (UCI) – Paul Merage School of Business Irvine, CA
MS in Business Analytics (MSBA) – Part Time Program Expected June 2026
Recipient of \$15,000 in scholarships, including the Merage Scholarship and California Resident Scholarship

University of California, Los Angeles (UCLA) Los Angeles, CA
BS in Statistics and Data Science September 2022 – June 2024

University of California, Santa Barbara (UCSB) Santa Barbara, CA
Financial Mathematics and Statistics (BS Partially Completed, Transferred to UCLA) October 2020 – June 2022
Achievements: L&S Dean's Honors (Fall 2020, Winter 2021, Winter 2022), National Society of Collegiate Scholars (NSCS) Nomination (Winter 2021), National Society of Leadership and Success (NSLS) Nomination (Winter 2021)
Extracurriculars: Data Analysis and Coding Club (DAnC), Data Science Club

PROFESSIONAL EXPERIENCE

Administrative Data Entry Assistant Irvine, CA
The Arbor Dental Group July 2023 – September 2023

- Verified and cross-referenced **2,000+** electronic patient records with physical files using **SQL** queries to ensure **99%** data accuracy and consistency across systems, streamlining the data validation process.
- Led the transition of **100%** of patient records to an electronic database, utilizing **Python** and **SQL** scripts to automate data migration, reducing retrieval time by **50%** and enhancing overall data management efficiency.
- Developed a systematic process in **R** to identify and resolve discrepancies between physical and electronic records, improving data integrity and operational workflow by **30%** through automation and data analysis.

Estimating and Pricing Analyst Intern Tukwila, WA (Remote from Irvine, CA)
Boeing June 2022 – August 2022

- Analyzed requirements for **12** proposal submissions, transforming over **4,000** data points in **Microsoft Excel** to ensure compliance with Federal Acquisition Regulations (FAR) and support data-driven decision-making.
- Collaborated with **5** cross-functional teams—Estimating, Pricing, Procurement, Supply Chain, and Contracts—to optimize cost estimation methods, reducing proposal preparation time by **20%** and streamlining workflows.
- Created **8** dashboards and reports in **Microsoft Excel** and **Tableau** to visualize cost analysis metrics, enabling strategic fact-finding and negotiations with stakeholders.
- Production Bill of Materials (PBOM) Transmittal Optimization: Streamlined Material Estimate documentation using **Microsoft Excel**, collaborating with Boeing's BDS P-8A Estimating and Pricing team and five cross-functional departments to identify inefficiencies, eliminate redundancies, and enhance process efficiency by **20%**.

Marketing and Public Relations Intern Santa Barbara, CA (Hybrid)
UCSB Men's Soccer October 2021 – June 2022

- Analyzed attendance and engagement data to inform marketing decisions, resulting in a **15%** increase in UCSB Men's Soccer home game attendance.
- Utilized **Tableau** to visualize trends, uncover key insights, and optimize outreach strategies, driving more effective marketing initiatives.
- Captured and curated over **1,000** photographs of facilities, games, and events, applying data insights from social media and website analytics to tailor content, resulting in a **20%** increase in online engagement and interaction.
- Website Development for Recruitment: Designed and maintained the "Gaucho Recruiting Zone" website using **HTML**, incorporating analytics tracking and dynamic content updates to attract and inform **500+** prospective student-athletes, in collaboration with the Associate Head Coach.

SKILLS

Programming Languages: Python (pandas, NumPy, Matplotlib, Scikit-learn), R (tidyverse, lubridate, caret, glmnet, randomForest, RSQLite, knitr, mvtnorm), SQL, Java, C++, HTML

Platforms & Tools: Tableau, Git/GitHub, Jupyter Notebook, RStudio, Visual Studio, Eclipse, Xcode, Microsoft Excel (Pivot Tables, VLOOKUP, HLOOKUP, INDEX-MATCH)

Data: Data (Cleaning, Mining, Transformation, Visualization, Warehousing), Modeling (Financial, Mathematical, Statistical, Forecast), Exploratory Data Analysis (EDA), Machine Learning, Model Validation, Statistical Consulting