

JOSEPH NAGOTHU

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Professional Summary

Business Analytics graduate student with experience building interactive dashboards and performing statistical analysis to support data-driven decision-making. Skilled in Python, SQL, Excel, and data visualization, with experience in KPI reporting, financial modeling, and marketing performance analysis. Seeking entry-level Data Analyst or Business Analyst roles.

Technical Projects

Campaign Performance & Optimization Dashboard (Python, SQL, Streamlit)

- Built executive level dashboard analyzing campaign ROI, conversion rates, and channel performance
- Implemented simulated media spend allocation modeling to evaluate budget optimization scenarios
- Designed KPI reporting system to support strategic marketing decisions

Coffee Shop Cost Optimization Dashboard (Python, Financial Modeling)

- Analyzed transaction level sales data to evaluate revenue drivers, ingredient costs, and labor impact
- Identified pricing optimization opportunities and operational cost saving recommendations
- Developed interactive visualizations to communicate financial insights

Statistical Decision Analysis | Pepperdine University

- Analyzed real company datasets in SPSS and Excel to evaluate business proposals and recommend data-driven improvements using descriptive and inferential statistics.

Education

Masters of Science in Business Analytics - *Pepperdine University* - Malibu, CA - Graduating: August 2026

Bachelor of Science in Biology - *California State University, Long Beach* — Long Beach, CA - Graduated: May 2025

Technical Skills

Programming & Analytics

- Programming & Analytics:
- Python, SQL, R, SPSS, Excel (Advanced), Tableau, Streamlit

Data Techniques:

- Statistical Analysis, KPI Reporting, Financial Modeling, Monte Carlo Simulation, Data Visualization

Cloud & Tools:

- AWS (Foundations), Google Cloud Platform (Foundations), Microsoft Office Suite

Certifications

- Google Cloud Data Analytics Certificate
- CRUD Operations in MongoDB
- PCEP - Certified Entry-Level Python Programmer

Work History

Rock Wall Attendant, 01/2024 — 11/2024 - **California State University** — Long Beach, USA

- Led structured climbing sessions for 20+ participants per shift while enforcing safety compliance
- Coordinated logistics for outdoor trips, managing equipment, scheduling, and participant oversight
- Strengthened leadership and risk management skills in high-responsibility environments

Leadership Team Member/Health Scholar, 08/2023 — 08/2024 - **COPE Health Scholars Program** — Anaheim, USA

- Trained and mentored 15+ incoming health scholars on hospital procedures and compliance standards
- Monitored volunteer hour logs and maintained performance records for program oversight
- Led onboarding sessions and hospital unit tours to improve scholar preparedness