

Beulah Kannan

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[Linkedin Profile](#) · [Github Profile](#) · [Portfolio Website](#)

SUMMARY

Strategy and operations-focused analytics professional on process improvement, system implementation, and cross-functional execution. Adept at converting ambiguity into structured workflows and actionable insights across healthcare and consumer tech

RELEVANT SKILLS

Languages & Tools: SQL, Python(Pandas), Advanced Excel, Tableau, ERP Systems (Odoo), Arena Simulation, Microsoft Office

Platforms: Snowflake, Google Cloud Platform (Vertex AI), Amazon SageMaker, Google Analytics

Analytics & Methods: Process Improvement, Project Management, A/B Testing, Forecasting, Predictive Modeling, Statistical Analysis, Data Visualization, Market Research, Lean Six Sigma, Business Analytics

WORK EXPERIENCE

Business Analyst | Triton Technical Services | Seneca

Jan 2026 - Present

- **Led end-to-end implementation of ERP system** (Odoo), configuring it from scratch and **digitizing 5 core business workflows**- invoicing, timesheets, expense tracking, project documentation, and internal communication **to replace manual tracking**
- **Redesigned timesheet and invoicing workflows** within the ERP, eliminating **20+ hours of manual administrative work per week** while improving billing accuracy and project-based revenue visibility
- Authored **process playbooks and SOPs** to standardize **recurring workflows and smooth cross-functional handoffs**, and built the company's first website to **centralize service information and customer-facing communication**

Strategy and Operations Analyst | Los Angeles General Medical Center | Los Angeles

May 2025 - Sept 2025

- **Spearheaded and organized** a cross-functional project team, coordinating with physicians and technologists to redesign inpatient and outpatient workflows
- Conducted **15+ physician interviews (VoC)** to identify operational inefficiencies and implemented process improvements that reduced IR room turnover time by **25%**, improving throughput and resource utilization.
- Designed and deployed **Tableau dashboards** to track 8+ key **operational and performance metrics** (idle time, procedural delays, equipment utilization), enabling leadership to make data-driven decisions and improving **business influence** across departments
- Built Arena simulation models using **Lean Six Sigma principles** to test capacity and staffing scenarios, driving a **20% utilization increase**; findings were adopted by the Chief Quality Officer for **hospital-wide implementation**(*Tableau, Arena Simulation, Python, Qualitative Research, Excel*)

Viterbi Career Ambassador | Viterbi Career Connections | Los Angeles

Aug 2024 - Dec 2025

- Mentored 20+ peers in career development, facilitated workshops and guided students in **professional growth**
- Supported the planning and delivery of large-scale employer and student events, **improving efficiency and execution quality**

EDUCATION

University of Southern California

Los Angeles, United States

Master of Science in Analytics, GPA: 4.0(Alpha Pi Mu - Top 10% MS Analytics Students)

December 2025

Coursework: Predictive Analytics, Optimization methods for Analytics, Data Analytics Consulting, Cloud Analytics, Customer Analytics

Madras Institute of Technology, Anna University

Chennai, India

Bachelor of Engineering, Electronics and Communications Engineering

June 2023

ACADEMIC PROJECT EXPERIENCE

Customer Insights & Monetization Analysis - Snapchat

December 2025

- Conducted **focus groups, interviews, and survey research (100+ respondents)** to analyze Gen Z & Millennial usage patterns using Marketing mix models to uncover customer needs, churn drivers, loyalty motivators, and feature adoption trends
- Applied **cluster analysis, regression modeling, and customer journey mapping, A/B testing** in Python to segment users into behavioral personas (Streak Keepers, Filter Fans, Casual Chatters) and identify high-friction churn points
- Delivered **data-driven recommendations** on feature design, AR shopping, and subscription models, projected to increase **customer lifetime value (CLV)** and align monetization with user needs.(*Qualtrics, Python, Cluster Analysis, Regression, Statistics*)

Predicting 30-Day Patient Readmissions | Healthcare Analytics

December 2024

- Developed XGBoost-based predictive model pipelines, **automating ETL processes and feature engineering**, improving F1-score by 22% over Logistic Regression. Enhanced data quality through class balancing and feature selection on a 10.6K-row dataset(*GCP Vertex AI, XGBoost, Python*)