Valeria Bejarano

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Data analyst with particular interest in healthcare, passionate about using data to provide actionable insights to improve quality of care, lower costs and enhance patient experience. Adept at working independently as well as collaborating in cross-functional settings.

Skills

- Competent in Python (Pandas, Numpy, Matplotlib) and Excel
- Experience with Tableau, SQL and Flask
- Competent in Microsoft Applications
- Bilingual in Spanish and English

Professional Experience

Patient Care Manager, Sonrisas Therapies Pediatrics Home Healthcare – Austin, TX   March 2019 to present

- Developed a database system to track patients' POC which helped improve clinicians' turn-around time and led to a 30% reduction in patients' lapse in care
- Supervise patients' POC from initial treatment authorization to discharge. This includes case load management, patients' medical care, Medicaid and private insurance benefits and ensure appropriate care is rendered to patients
- Liaise with medical staff, therapists, insurance companies and family members, especially for non-English speaking families to improve communication among all parties and reduce lead time

IE Planner, United Parcel Service (UPS) – San Antonio, TX   June 2017

- Forecasted volume levels and defined staffing and equipment needs accordingly. Key player on a team that consistently exceeded operations efficiency by 20%
- Trained and supervised incoming interns and oversaw the Feeder operations in San Antonio, Austin, El Paso and Houston
- Proposed alternative transportation means by analyzing volume trend and re-evaluating customers' pick-up needs which would yield a yearly feeder cost saving of $33,000
- Acted as liaison between departments to ensure compliance of methods and operational procedures by performing departmental audits and discussing points of interest in cross-functional meetings. This improved the department's district audit score by 50%

Engineer Student Intern, Las Palmas-Del Sol Healthcare – El Paso, TX   Jul 2016

- Developed a preventive maintenance schedule in accordance to a database to balance the workload throughout the week which would help standardize processes, keep machinery in proper conditions and prevent failures
- Recommended the implementation of a Just in Time inventory system that would yield a $14,800 expense reduction
- Proposed the implementation of Lean principles to new designated storage/handling area in correspondence with the Just in Time inventory system and OSHA and NFPA standards; a solution that reduced maintenance processing time by 43%

Projects

- *World Series Prediction* | github.com/vbejarano/World-Series-Prediction
Developed a machine learning model to predict the winner for the World Series. Included a sentiment analysis based on people's tweets in an attempt to understand fans attitude and pinpoint specific phenomenon impacting fan's experience

- *A Pet Project* | github.com/vbejarano/A-Pet-Project
Built an application using Flask, SQL and API calls to help people choose a pet based on cost, characteristics and lifespan. This also includes an analysis on each breed, how weight impacts lifespan and what the most/least favorable characteristics are

Education

The University of Texas at Austin - Data Analysis and Visualization Bootcamp Certificate, 2019
The University of Texas at El Paso - Bachelor of Science in Industrial Engineering, 2016