Yessica Contreras

Active Public Trust-Tier 3
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Technical Skills

- Microsoft Power Platform(MS PowerApps, MS Flow, Power BI, SharePoint List, Microsoft SQL Server Management Studio, Data Analysis Expressions (DAX), Power Query in Power Pivot, Microsoft Excel (including Pivot Tables and VLOOKUP), expert in Tableau and REDCap.
- MySQL, PostgreSQL, SQL Sripting and Stored Procedures, ETL Processes, Data Quality Assessment, Data Analysis, Pattern & identification, Visualization of Data insights, Work Flow Automation, Query Optimization, Data Modeling and Database Design, Data Warehousing.

Leadership Skills

- Business Strategy
- Leadership and Team Management
- Business Development
- Client Relationship Management
- Strategic Planning

Education

MASTER'S OF PROFESSIONAL STUDIES | 2018 | The University of Maryland Baltimore County

- Major: Health Information Technology |Minor: Information Systems

Experience

OWNER AND LEAD INFORMATICS ANALYST | C2 ANALYTIC SOLUTIONS, LLC | OCTOBER 2022 – PRESENT

- Founded and established C2 Analytic Solutions, LLC, specializing in Data analytics and IT solutions.
- Manage client relationships, ensuring high levels of satisfaction and retention.
- Spearheaded data analytics initiatives, including data collection, analysis, and reporting.
- Collaborated with cross-functional teams to identify data-driven insights for strategic decision-making.
- Developed and implemented data governance policies and best practices.
- Collaborated with my team on the design development of our company's website.
- Mentored and trained junior analysts to enhance the analytics team's capabilities.

CLINICAL QUALITY ANALYST | SINAI-LIFEBRIDGE HEALTH | OCTOBER 2021 – PRESENT

- Built a SharePoint List with a direct connection to Power BI workspace reports for the Quality Improvement department through which the company was able to reduce 20 employee hours of manual data validation every month.

- Built a data entry workflow application using Power Apps to capture the hospital's acquired conditions (HAC). This application is currently used withing the Quality division for reporting purposes of the revenue impact and mortality scores within the hospital.
- Created multiple notification flows using Power Automate which helped automate workflow processes for high patient risk cases in the hospital which maximized productivity in decision making within the Quality Improvement Division.
- Created and maintained SQL scripts and stored procedures for data processing.
- Extracted, transformed, and loaded data from various sources into SQL databases.
- Built reports and dashboards for health system process trends and KPI in Tableau and Salesforce.
- Provide software troubleshooting support for Salesforce through the Cherwell ticketing system for all end-users across the hospital system.

DATA ANALYST | THE GENEVA FOUNDATION | JUNE 2021 – AUGUST 2023

- Collaborated with the MIRROR project team to establish a data cleaning and transfer pipeline for moving clinical data from Qualtrics to REDCap utilizing the R statistical language and Excel.
- Designed and developed interactive Power BI dashboards and reports to visualize key performance indicators (KPIs) and business metrics.
- Implemented data modeling and created relationships between datasets for accurate reporting.
- Automated data refresh schedules and maintained data integrity with Power BI Service.
- Created and maintained complex DAX(Data Analysis Expressions) calculations to support business needs.
- Trained team members on Power BI best practices and provided ongoing support.
- Developed data transformation workflows in Power Query Editor to clean and reshape data for analysis.
- Launched the program's first live dashboards website with built in secure access set up for all authorized end-users.

INFORMATICS ANALYST | MEDSTAR HEALTH | 2019 - 2021

- Led a team of SQL developer in designing and implementing complex database solutions.
- Tuned SQL queries and optimized database performance, resulting in a 30% reduction in query execution time.
- Collaborated with corporate business analysts to gather and define database requirement for the palliative's team data mart within the organization's data warehouse.
- Created and maintained documentation for databases schemas, data dictionaries, and processes.
- Manipulated complex healthcare datasets in order to create the data foundation for further analytics needed in the development of the palliative care telehealth program that emerged from COVID-19 pandemic.
- Created dashboards, data visualization in Tableau and created power forms in the EHR system to capture eligible palliative care patients.
- Provided solutions to the build of a data mart in the EHR data warehouse to house all palliative care patient data to use for analyses and a direct connection to Tableau.