SATWIK MRITYUNJAY BELALDAVAR

(315) 863-6513 • sbelalda@syr.edu • https://www.linkedin.com/in/satwik-belaldavar/ • https://github.com/satwikmb

EDUCATION

Syracuse University, School of Information Studies, Syracuse, NY   May 2024
M.S. Applied Data Science
Relevant Coursework: Introduction to Data Science| Data Admin Concepts and Database Mgmt| Scripting for Data Analysis| Applied Machine Leaning| Quantitative Reasoning| Business Analytics| Data Warehouse| Text Mining| Big Data Analytics| Visual Analytics Dashboard| Cloud Management

KLE Technological University, School of Computer Science and Engineering, Hubballi, India   May 2021
B.E. Computer Science and Engineering
Relevant Coursework: Database Management System| Applied Statistics | Data Mining and Analysis

EXPERIENCE

Associate Engineer, L&T Technology Services, Mysore, India   June 2021 - June 2022
- Collaborated with a team of 6 to employ SharePoint as a platform for converting websites from classic to modern pages by implementing agile workflows to prioritize tasks and milestones and deploying a systematic content migration strategy that reduced conversion time by 15%
- Implemented cost optimization methodologies by merging 2-3 applications that were drawing from same data pools, thus reducing system overheads, and used proprietary tool 'AppRationalizer' to map data flows and spot redundancies
- Led a 4-person information management team to remove files from department's SharePoint site by analyzing over 10,000 files to determine their relevance and utility then deleting 2,000 obsolete files, resulting in a 20% reduction in storage costs
- Deployed 'Efficiency Analyzer' tool to monitor and analyze daily tasks and introduced automated scripts to minimize manual interventions in repeated tasks which boosted routine operations efficiency by 4-5%

PROJECTS

A Comprehensive Data-Driven Analysis for Enhancing University Operations   September 2023 - December 2023
- Played a pivotal role in establishing a modern data management system by selecting Snowflake as data warehousing platform
- Designed comprehensive ETL processes using dbt to enhance data usability by calculating class grades and GPAs, categorizing lecture times, and integrating online and onsite courses into a unified database for advanced analytics and insightful reporting
- Developed a comprehensive, interactive dashboard using PowerBI, encapsulating regional engagement metrics and their corresponding insights

Customer Segmentation and Churn Model for Telecom Industry   September 2023 - December 2023
- Conducted deep exploratory data analysis of over 50,000 customer records, leveraging visualization techniques to identify churn influencers in telecom industry
- Engineered a churn prediction model using Spark and Python, integrating customer segmentation and machine learning for strategic telecom sector retention initiatives
- Extracted key insights on customer behavior and service usage, informing targeted customer service improvements and retention strategies in telecom

Wholesale Management System   September 2022 - December 2022
- Utilized Microsoft PowerApps for front-end application development, offering a responsive and user-friendly interface tailored to wholesale operations
- Employed Azure Data Studio for backend database development and management, ensuring scalable storage and efficient query processing
- Crafted 4 complex SQL queries, triggers, and scripts to handle data operations, ensuring data integrity and consistency

CERTIFICATIONS/ TECHNICAL SKILLS

Certifications: Microsoft Office Specialist Excel Associate 2019
Programming Languages: Python, R, SQL
Tools: MS Excel, PowerBI, Azure Data Studio, Docker, MS Access, RStudio, Tableau, Google Analytics, Snowflake, Github
Libraries: NLTK, TensorFlow, Keras, SciPy, Matplotlib, Scikit-learn, pandas, NumPy, Pytorch, Seaborn, Pyspark
Statistical Test: Hypothesis, T-Test, ANOVA, Chi-Square, Pearson Correlation, Principal Component Analysis (PCA)
ML Algorithm: Decision Trees, Random Forest, Support Vector Machines (SVM), Naive Bayes, KNN

LEADERSHIP

Summer Program Assistant, Summer College, Syracuse University, Syracuse, NY   June 2023 - August 2023
- Managed administrative tasks such as writing and submitting Duty Logs and Incident Reports
- Engaged in 1:1 meeting with RD, demonstrating effective communication and leadership in addressing challenges and setting goals