

Sricharan Mahavadi

Boston, MA, 02215 | 617-259-6784 | mscharan@bu.edu | github.com/mscharan-analytics | linkedin.com/in/smahavadi

EDUCATION

M.S. in Business Analytics (STEM)

Boston University, Questrom School of Business, Boston, MA

Expected graduation January, 2025

GPA : 3.87 / 4.00

Bachelor of Technology in Engineering (STEM)

National Institute of Technology (VNIT), Nagpur

May, 2020

WORK EXPERIENCE

Analyst, Data Engineering and Reporting

Novartis, Hyderabad, India

July, 2022 – August, 2023

- Delivered 100+ operational runs with 98% accuracy across 25+ projects, ensuring 100% client satisfaction, supervising 3 associate analysts, and collaborating with a 12-member team
- Architected and optimized ETL processes using Snowflake, Alteryx, and AWS (S3), enabling \$150M/month sales analysis and automating ~500GB/week data ingestion pipelines
- Implemented batch processing systems and developed forecasting models with 92% accuracy, managing data pipelines for 10+ specialty distributors and 27+ external vendors, automating \$50K+ monthly sales data ingestion
- Designed and maintained data marts for analytical reporting, optimizing schema for efficient querying and implementing indexing strategies to improve performance of senior management dashboards

Data Analyst

IQVIA, Bangalore, India

September, 2020 – June, 2022

- Analyzed Rx data for 30+ brands and 100+ products using SAS, PowerPoint, and PowerBI, achieving a 90% client satisfaction rate and receiving the Silver Award as the youngest recipient
- Designed 40+ interactive dashboards with VBA and PowerBI, automating their refresh and saving 20 hours/month on Quality Control and data updates
- Developed scalable ETL pipelines using SAS, enhancing efficiency and ensuring GDPR compliance with secure SFTP transfers

ACADEMIC PROJECTS

Hospitality Intelligence: Using NLP to extract Insights

Boston University, Boston, MA

January, 2024 - April, 2024

- Developed interactive hotel recommendation system using clustering (KMeans, DBSCAN), PCA for dimensionality reduction, market basket analysis, and NLP sentiment analysis on ~515K records from 1450+ luxury hotels
- Analyzed >10k reviews using Word2Vec, Glove models and logistic regression, achieving 0.93 F1-score for sentiment classification. Developed real-time hotel recommendations based on city and rating thresholds

Smoking Prediction for Risk Assessment and Lifestyle Analysis

Boston University, Boston, MA

September, 2023 - December, 2023

- Analyzed a dataset of ~910k rows and 24 features containing physiological data like age, gender, blood pressure to predict individuals' smoking habits
- Utilized XGBoost, Decision Trees, Random Forest, SVM, KNN models with hyperparameter tuning and achieved 83.2% accuracy in prediction, potentially saving insurance providers millions annually by accurate identification

LEADERSHIP EXPERIENCE

Questrom Graduate Council, MSBA Representative, Boston, MA

September, 2023 – Present

- Elected MSBA Class of '24 Student Council Representative, leading 120 students

RELEVANT SKILLS

Programming Languages and Tools: Python, SAS, Excel VBA, Alteryx, Snowflake, DataIKU, SQL, JIRA, Git

Data Engineering & Cloud: Google Cloud (BigQuery), PySpark, Kafka (basic), Elasticsearch, Airflow, AWS(S3)

Analytics, AI, and Cloud Platforms: ML Pipelines, NLP, Statsmodels, PowerBI, Tableau, Vertex AI, Agentic LLMs

AWARDS

- Beta Gamma Sigma Honors Society : Inducted into the BGS Honors Society as the top student in MSBA April, 2024
- Novartis Star Award : Contribution in driving Strategic Data Products & Initiatives January, 2023
- IQVIA IMPACT Silver Award : Awarded for displaying outstanding analytical intelligence December, 2021