

Sarang Raje

Engineering Management Student | Certified in Business Intelligence with Power BI | Aspiring Data Analyst

✉ sraje@umass.edu 📍 Amherst, Massachusetts, 01003 🔗 [linkedin.com/in/sarangraje](https://www.linkedin.com/in/sarangraje)

MOTIVATION

Emerging Data Analyst with SQL, Python, R, and Power BI expertise. Proven track record of data analysis and strategic decision-making. Fluent in English and Hindi. Excited to get involved in real-world projects to deliver data-driven solutions.

EDUCATION

Master of Science in Engineering Management 09/2025 – 05/2027
University of Massachusetts, Amherst --- Courses:: Descriptive Analytics, Technical Project Management

Bachelor's in Chemical Engineering and Honors in Green Technology 2021 – 2024
Dwarkanadas J. Sanghvi College of Engineering | University of Mumbai Mumbai

WORK EXPERIENCE

Easytech Innovations Pvt Ltd---AI-Product & Business Analyst 03/2025 – 07/2025
Mumbai

- Leveraged AI-driven analytics tool to drive business insights and identified 3 key revenue KPIs
- Successfully managed large datasets (50,000+ rows) and created reports for presentation
- Developed data-driven business strategies for the sale of 4 AI-based products
- Generated \$25,000 in AWS Startup Credits through business development initiatives

Vision Earthcare Pvt Ltd---Project Management Intern 09/2024 – 02/2025
Mumbai

- Managed 21 on-site projects, overseeing technical aspects, data reporting, business investment analysis, and client relations.
- Selected 82 tenders, gaining hands-on experience in business management, financial aspects, and data-driven decision-making.

SKILLS

Coding Proficiency: — SQL | Python - Matplotlib, Pandas, Plotly | R - dplyr, tidyr, ggplot2, tidyverse | MySQL | RStudio

Data Proficiency: — Tableau | Microsoft Power BI | Microsoft Office Suite | Statistics | Clustering | Regression |

Dev Skills: — Augment-Visual Studio Code | Google Apps Script | AI | UI/UX | AI-Product Analysis and Consulting

Other Skills: — Data Wrangling | Communication | Collaboration | Teamwork | Market Research | Stakeholder Engagement

PROJECTS

Business Analysis: A SQL-Driven Insights Model 2025

- Analyzed pizza sales data using SQL, driving business decisions with data insights that resulted in a 25% reduction in inventory costs and improved Key Performance Indicators.

Real-Time Email Tracking System: Leveraging AI for Data-Driven Insights 2025

- Engineered and implemented an AI-powered email tracking system that processed 45,000+ rows of clean spreadsheet data using Matplotlib and VS Code, tracked email statuses in real-time, and generated a new dataset demonstrating status updates, reducing tracking time by 50%

Investment Analysis Optimization: Excel to Power BI Transformation---Vision Earthcare Pvt Ltd. 2024

- Built a Power BI-enabled dashboard that automated investment analysis, reducing analysis time by 50% and providing critical insights for informed Operations and Maintenance decision-making

Healthcare Analytics for Blood Sugar Control: A Data-Driven Insight 2024

- Predicted 12-day sugar level reduction timeline by analyzing 15 days of patient data using Excel, pivot tables, and statistical analysis to calculate optimal insulin dosages.

VOLUNTEERING ACTIVITIES

Onfees---Database Manager 05/2025 – 06/2025

- Mined a 20,000+ row college database using R libraries, eliminating inconsistencies in student records, and improving accuracy by 98% for outreach campaigns, resulting in higher conversions.

TECHNICAL ACHIEVEMENTS

Designed Speak_Data_Viz: A Voice to Data Visualization platform

- Integrated data cleaning and processing capabilities into a unified data management system and supported the processing of over 20000 data records.
- Enabled speech-to-dataset conversion, allowing users to generate datasets via editable voice input.
- Automated SQL script generation, cutting data loading time by 60% and freeing data scientists for analysis.
- Provided data visualization capabilities through various types of charts
- Added a feature to generate Python-Matplotlib and R-ggplot2 code in less than 2 seconds for replicating visualizations.