Sarang Raje

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Summary:

Emerging Data Analyst certified in Business Intelligence using Power BI, studying Descriptive and Predictive Analytics with Database Management, and curious to put analytical skills into real-world projects.

Education:

Master of Science in Engineering Management   **Expected May 2027**
University of Massachusetts Amherst

B.Tech in Chemical Engineering with Honors in Green Technology and Sustainability   **June 2024**
Dwarkadas J. Sanghvi College of Engineering | University of Mumbai

Industry Experience:

AI-Product Business Analyst | Easytech Innovations Pvt Ltd   **03/2025-06/2025**
- Leveraged an AI-driven analytics tool to understand business insights and identified 3 revenue KPIs.
- Successfully managed large datasets (50000+ rows) and created reports for presentation.
- Developed AI-marketing strategies for the sale of 4 SaaS-based products.
- Generated $25000 in AWS Credits through collaboration with experts and business growth initiatives.

Business Intelligence and Operations Intern | Vision Earthcare Pvt Ltd   **09/2024-02/2025**
- Managed 21 on-site projects, overseeing technical aspects, analyzed annual expenditure using visualization tools, and crafted reports showcasing data-driven Project Management skills.
- Identified 82 tenders, gained hands-on experience in business growth, and finalized future projects.

Skills:

Coding Proficiency: SQL, Python (Matplotlib, Pandas, Seaborn, Numpy, Plotly), R (dplyr, tidyr, ggplot2)
Data Proficiency: Tableau, MS Power BI, MS Office Suite, Visual Analytics, Statistics, Jupyter Notebook
Dev Skills: Augment-Visual Studio Code, Google Apps Script, AI, UI/UX, SaaS Product Analytics & Consulting

Projects:

Data Analysis: A SQL-driven insights model
- Analyzed pizza sales data using MySQL to identify top-revenue-generating products and accordingly informed marketing strategy refinements to maximize revenue growth.

Real-Time Email Tracking System: Revolutionized Email Marketing with AI-driven Analytics
- Engineered an AI-powered email tracking system that processed 45000+ of clean data using Python to track emails and generate a new dataset in a spreadsheet, demonstrating updated statuses of emails.

Business Intelligence for Investment Analysis: From Static Spreadsheets to Dynamic Insights
- Manipulated and analyzed the company's capital investment data by converting it into interactive visuals, and provided consulting through business intelligence for better financial management.

Healthcare Analytics for Blood Sugar Control: Analytical Intelligence
- Predicted a 12-day sugar level reduction timeline by analyzing 15 days of blood sugar data using Excel, pivot tables, and statistical analysis to recommend a daily optimal Insulin dosage to patients.

Volunteering Activity:

Database Manager | OnFees   **05/2025-06/2025**
- Mined 20000+ row college datasets using R libraries to eliminate inconsistencies, appended new entries, and organized the data to generate reports of students' academic performance.

Technical Achievement:

Designed Speak_Data_Viz: A Voice to Data Visualization Platform
- Integrated data cleaning capabilities for the database system and supported the processing of over 25000 data records, solving the problem of manual data cleaning.
- Enabled speech-to-dataset conversion, allowing users to generate datasets via editable voice inputs.
- Automated SQL script generation so users can understand data structures and modify them if needed.
- Enabled a feature for insightful data analysis with diverse chart types for effective visualization.
- Added a feature to generate Python-Matplotlib and R-ggplot2 codes in less than 2 seconds for replicating visuals.