Labhini Patel

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Summary

Data analyst with a strong background in business intelligence, financial modeling, and healthcare data analytics. Skilled in building scalable dashboards, automating workflows, and transforming complex datasets into decision-ready insights. Proficient in Power BI, SQL, Python, and Excel. Experienced with commercial datasets including CMS data, IQVIA (DDD, Xponent, LAAD), and Veeva CRM for call plan strategy and formulary analysis.

Education

Master of Science in Analytics   **2025**
Northeastern University, Boston, MA

Bachelor of Engineering in Computer Science   **2021**
DBATU University, Maharashtra, India

Skills

- **Programming & Data Tools:** SQL, Python (Pandas, NumPy, Scikit-learn), R, SAS, R Studio, Databricks, Snowflake, AWS, GitHub, Tableau, Power BI, Excel (Pivot Tables, VLOOKUP, Macros), Google Analytics, Microsoft PowerPoint
- **Data Analysis & Modeling:** Exploratory Data Analysis (EDA), Data Cleaning & Wrangling, Linear & Logistic Regression, Predictive Modeling, A/B Testing, KPI Reporting, Statistical Analysis, Customer Segmentation, Clustering
- **Business Intelligence & Visualization**: Dashboard Development, Data Storytelling, KPI Design, Data-Driven Insights, Reporting Automation, Google Analytics

Experience

RadicalX   **Sept 2024 – April 2025**
AI Engineer Intern

- Designed and deployed an AI-powered quiz generator and chatbot to automate PDF content processing, reducing manual tasks for research teams.
- Created structured pipelines to process, tag, and retrieve documents with improved accuracy, contributing to smoother internal workflows.
- Documented processes, tracked task completion, and supported internal coordination across research teams to improve workflow transparency.

Shree Jay Ambey Textile, India   **Oct 2021 – Jan 2023**
Business Analyst

- Managed vendor records, invoicing, and contract tracking using Excel and Google Sheets, ensuring smooth financial operations in a small business setup.
- Streamlined operational reporting and automated routine dashboards, reducing manual workload by 40%.
- Supported internal compliance processes, coordinated with vendors, and maintained updated documentation for recurring business tasks.

Project

Medicare Part D Formulary Analytics & Predictive Modeling

- Developed a Tableau dashboard using CMS formulary and pharmacy network data, integrating SQL pipelines and Excel logic to track plan performance, cost-sharing tiers, and coverage gaps across 80+ plans.
- Ensured data quality and auditability by applying cleaning rules, standardizing drug codes, and building reusable measures for consistent metric reporting.
- Applied regression modeling in Python to forecast plan-level cost trends, simulating a 10 - 12% improvement in formulary optimization decisions and supporting stakeholder-ready visual storytelling.