Yashvi Vekariya

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Profile Summary

Data Analyst with 2 internships and hands-on expertise in large-scale data analysis (5M+ records), forecasting models, and interactive dashboards that drive measurable business impact. Proficient in Python, SQL, BigQuery, and Tableau, with a expertise in predictive analytics, A/B testing, and visualization for strategic decision-making.

Technical Skills

Programming: Python (Advanced), SQL (Advanced), R (Intermediate), Java (Basic)
Analytics Tools: Tableau (Advanced), Power BI (Advanced), Excel, Google Looker Studio
Machine Learning: Scikit-learn, TensorFlow, ARIMA, Holt-Winters, Hyperparameter Tuning
Libraries/Frameworks: Pandas, NumPy, Matplotlib, Seaborn, Streamlit
Databases/Cloud: MySQL, MongoDB , Google BigQuery, AWS (Basic)
Other: A/B Testing, Statistical Analysis, Predictive Modeling, KPI Tracking
Soft Skills: Strategic Thinking, Communication, Collaboration, Conflict Resolution

Education

Parul Institute of Engineering and Technology, Vadodara   SEP 2022 – MAY 2026 (Expected)
B.Tech in Computer Science and Engineering — CGPA: 7.48
Key Courses: Data Structures, Machine Learning, Database Management Systems (DBMS)

Experience

Data Analyst Intern – Codexial Technologies   Jul 2025 - Present
- Designed A/B testing experiments, improving user engagement by 22% in 3 months.
- Automated creation of stakeholder reports and data visualizations for internal teams.
- Collaborated in building data-driven presentations influencing product planning.

Quantium Data Analytics Virtual Internship   Apr 2025
- Analyzed 20K+ grocery transactions to identify purchasing trends and customer segments.
- Built SQL-based reports and Python visualizations for consumer behavior insights.
- Discovered peak purchase periods, improving targeted promotions and inventory strategy.

Projects

Mutual Fund Predictive Analytics (*Data Science & Finance*) — **GitHub Link**
- Processed 1,277 mutual funds across top 10 fund families using web scraping and statistical modeling.
- Developed Random Forest classifier achieving 92% accuracy in identifying top-performing funds for multi-year horizons.
- Discovered expense ratio correlation patterns: lower ratios favor 3-year returns, higher ratios benefit 10-year performance.
- Identified 155 consistently underperforming funds, providing data-driven investment exclusion criteria.

Medical Inventory Optimization (*Python, SQL, Tableau*) — **GitHub Link**
- Developed ARIMA & Random Forest models (8.7% MAPE), reducing stockouts by 30% and saving $2M annually.
- Designed a real-time inventory dashboard, integrated with monthly restocking data.
- Integrated monthly restocking data to support ongoing forecasting adjustments.

Swiggy Dashboard (*Power BI*) — **GitHub Link**
- Evaluated 5.2M+ orders, highlighting menu patterns worth $122M in potential gains.
- Built a 15-KPI interactive dashboard, contributing projected to add $50M revenue strategy.
- Conducted user segmentation based on frequency and spending habits.

Certifications

- IBM Data Analyst Professional
- Google Cloud Data Analytics
- Microsoft Generative AI for Data Analysis
- NPTEL Computer Networks