KAVITA PATEL

DATA ANALYST | PYTHON, SQL & DATA VALIDATION

Georgia, USA | kavitap0430@gmail.com] | +1 4785019245
GitHub: github.com/patelkavitarepo/Data-analytics-portfolio
Portfolio: Interactive portfolio (scan QR)

PORTFOLIO

PROFESSIONAL SUMMARY

Computer science student pursuing data analytics, with hands-on Python and SQL projects involving data cleaning, quality checks, statistical evaluation, and interactive reporting. Transitioning from client-facing salon management and digital coordination, bringing experience maintaining accurate business and customer records.

CORE SKILLS

Programming & Tools: Python (pandas, NumPy), SQL/SQLite, Excel, Power BI, Streamlit, Plotly, GitHub.

Data Analytics & Reporting: Data cleaning, validation, exploratory analysis, statistical modeling, dashboard development, and reporting.

Technical & Quality Assurance: Automated testing, error analysis, data integrity, troubleshooting, and technical documentation.

Microsoft Office: Excel (formulas, data analysis), Word, Outlook, and PowerPoint.

SELECTED TECHNICAL PROJECTS

Stock Volatility Forecasting & Failure Analysis | Independent research | 2026

- Evaluated three five-session volatility forecasting approaches across 111,428 historical stock-date observations; a stock-specific Ridge model recorded 0.5688 RMSPE versus 0.8774 for the baseline in internal testing.
- Used chronological evaluation and data-quality controls; documented poorer performance on high-volatility outcomes and limits of the findings.

Stock Market Analytics Dashboard | Python, SQL/SQLite, Streamlit | Development prototype

- Analyzed 4,752 historical records across four stocks with return, volatility, and drawdown measures, interactive reporting, and CSV exports; verified functionality with 16 passing automated tests.

DataOps Sentinel | Python data-quality prototype | Draft / in review

- Developed an AI-assisted prototype for CSV/JSON input validation, SQLite audit records, and exact-input replay using synthetic test data; documented checks in an unmerged GitHub pull request.

PROFESSIONAL EXPERIENCE

Freelance Social Media Coordinator | Small businesses

- Organized content schedules, account information, and customer inquiries while coordinating updates and deadlines with business owners.

Salon Manager | Georgia | 2 years

- Provided salon services while coordinating appointments and staff schedules; reviewed transaction and inventory information to identify and correct discrepancies.

Salon Professional | Georgia | 6 years

- Provided hands-on hair and beauty services and client consultations while accurately maintaining appointment records and processing transactions.

EDUCATION

Gwinnett Technical College | Computer Science coursework | Currently enrolled
Planning to transfer to Georgia State University to pursue a bachelor's degree.

Technical project implementations including methodology, evaluation, and limitations are documented in GitHub.