Meshwa Patel

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Professional Summary

Analytical Data Analyst with expertise in Python, SQL, R, Power BI, Tableau, and Excel. Skilled in transforming datasets into actionable insights, optimizing workflows, and driving data-driven decisions. Experienced in auditing, supply-chain analytics, cybersecurity, and predictive modeling, with a focus on Generative AI. Proven to improve operational efficiency by 20-30% and enhance forecasting accuracy.

Education

University of Charleston – Charleston, WV
M.S. in Business and Data Analysis - Expected May 2026 | GPA: 4
Relevant Coursework: Data Mining and Machine Learning, Business Intelligence, and Visualization, Predictive Analytics

 Gujarat Law Society University – Ahmedabad, India
Bachelor of Commerce — May 2023 | GPA 5.96/7.0
Relevant Coursework: Business Statistics, Data Analysis for Business, Spreadsheet Modeling with Excel

Professional Experience

TRM Enterprise – Data Analytics & Business Operations intern
Charleston, WV | Apr 2025 – Present

- Analyzed supply-chain datasets using Python and SQL, reducing procurement delays by 15% and improving supplier performance by 25%.
- Built Power BI dashboards for KPIs, enhancing forecasting accuracy by 20%.

University of Charleston – Academic Data Analytics Assistant
Charleston, WV | Aug 2024 – Mar 2025

- Modeled data with SQL and Excel, cutting costs by 10% and automating reports with Python to save 5 hours/week.
- Designed Tableau dashboards for real-time performance insights.

Ajay Vansjalia & Associates – Auditing Assistant
Ahmedabad, India | Jan 2023 – Jun 2024

- Conducted audits using Excel and SQL, ensuring compliance and reducing discrepancies by 30%.

- Introduced predictive modeling in R, boosting efficiency by 25% and streamlining workflows.

Academic Projects

Credit Card Fraud Detection – Python, Random Forest, Logistic Regression

- Processed datasets, achieving 95% accuracy in fraud detection.

Healthcare Patient Readmission Analysis – R, Kaplan-Meier Survival Analysis

- Identified risks, proposing strategies to lower costs by 10-15%.

IMDB Movie Data Analysis – Python, SQL, Visualization

- Predicted revenue and analyzed trends, improving forecasting by 20%.

Professional Development & Certifications

- Data Analysis with Tableau: Advanced data visualization and analysis techniques (Tableau Learning Partner, 2025).
- GenAI in Action: Applied Generative AI to analytics (2025).
- Deloitte Cyber Job Simulation: Incident response, reducing resolution time by 30% (Forage, 2025).
- Deloitte Technology Job Simulation: Dashboard proposal and software development (Forage, 2025).
- Deloitte Data Analytics Job Simulation: Excel/Tableau tasks, increasing efficiency by 25% (Forage, 2025).
- SQL for Any IT Professional: Unit 1: Fundamentals for SQL querying and database management (Pearson, 2025).
- SQL for Any IT Professional: Unit 2: Advanced SQL techniques for IT professionals (Pearson, 2025).

Website

Portfolio: https://meshwa-gif.github.io/meshwa-portfolio/

Technical Skills

Languages: Python, R, SQL
Tools: Power BI, Tableau, Excel, Word, PowerPoint, Outlook, Teams
Analytics: Data Visualization, Predictive Modeling, Trend Analysis, Reporting Automation
Systems: ERP & Procurement (Oracle, SAP – familiar)
Soft Skills: Communication, Problem-Solving, Leadership, Collaboration, Adaptability