Qayum J. Miller

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Professional Summary

Data Analyst with 3+ years of experience delivering actionable insights through advanced analytics. Proficient in SQL, Python, and visualization tools like Power BI and Tableau. Spearheaded projects that enhanced business decision-making, such as building dashboards that increased stakeholder insights by 20% and predictive models that boosted customer retention by 10%. Adept at collaborating with cross-functional teams to drive data-driven strategies.

Skills

Technical Skills:
• Programming & Analysis: SQL, T-SQL, Python (pandas, NumPy, matplotlib)
• Visualization Tools: Power BI, Tableau
• Data Management: Data Modeling, Normalization
• Office Tools: Advanced Excel (Pivot Tables)
Analytical Expertise:
• Data Cleaning, Transformation, and Visualization
• Predictive Analytics and Statistical Analysis
• KPI Metrics Development and Automation
Soft Skills:
• Analytical and problem-solving abilities
• Effective communication and collaboration
• Stakeholder engagement and adaptability

Professional Experience

Caterpillar Heavy Machines | Data Analyst | January 2023 – Present)
- Designed and deployed dynamic Power BI and Tableau dashboards, synthesizing data from 5+ sources to optimize stakeholder decision-making, leading to a 20% increase in actionable insights.
- Built predictive models in Python using pandas and NumPy, delivering accurate forecasts of customer trends, increasing retention rates by 10%.
- Produced executive-level parameterized reports in Power BI, influencing three major strategic initiatives and enhancing data accessibility for senior leadership.

Airbnb | BI Developer | January 2022 – January 2023)

- Analyzed large datasets to identify booking trends and guest behaviors, delivering actionable insights that improved marketing and operational strategies.
- Created automated Tableau dashboards to monitor key performance metrics, enhancing data visibility and reducing reporting time by 25%.
- Developed predictive models in Python, achieving 90% accuracy in forecasting occupancy rates, driving resource optimization in high-demand markets.

Costco Wholesale | Operations Supervisor/Manager | August 2010 – December 2021)

- Directed and trained a team of 20 employees in a high-volume retail environment, driving a 25% improvement in operational efficiency.
- Applied lean principles to optimize inventory processes, reducing waste by 15% and contributing an annual profit boost of $50K.
- Reengineered point-of-sale workflows, introducing process optimizations and targeted staff training that cut customer wait times by 20%.
- Created Excel-based performance tracking systems, enhancing productivity metrics by 30% and minimizing reporting errors.

Education

Syntax Technologies: Certificate in Data Analysis and Business Intelligence

Mountain View High School: Advanced High School Diploma

Certifications

- SQL for Data Analysis
- Python for Data Analysis
- Tableau Specialist
- Power BI Fundamentals