Ashutosh Muthyala

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SUMMARY

Data Analyst with 3+ years of experience in SQL, Power BI, Excel, and Python, adept at transforming complex datasets into actionable financial and operational insights. Proven expertise in optimizing data processes, variance analysis, and developing interactive dashboards. Skilled in collaborating with cross-functional teams to achieve data accuracy and support strategic decision-making.

SKILLS

- **Languages**: SQL, Python, VBA
- **Data Analysis & Visualization**: Power BI, Tableau, Excel
- **Database Management**: Microsoft SQL Server
- **Software & Tools**: Azure, DevOps, Jira, Microsoft Office, Jypter Notebook

EXPERIENCE

Neutron IT, Inc   **Jan 2024 - Present**
Data Analyst

- Enhanced operational efficiency by 70% through developing complex SQL queries, replacing spreadsheet analysis with automated processes, and upholding data integrity.
- Designed and deployed interactive Power BI dashboards to identify KPIs and business patterns, accelerating executive decision-making with real-time insights.
- Facilitated business requirements sessions by translating stakeholder needs into actionable data solutions with detailed process documentation, flow diagrams, and data dictionaries.
- Analyzed and presented data insights to senior leadership, supporting variance analysis and strategic decision-making to drive business growth.
- Collaborated with Business and IT teams to synchronize communication and address potential data discrepancies, ensuring alignment with operational goals.

Amazon, India   **Jun 2020 - Jul 2022**
Data Analyst

- Developed and implemented Python-based anomaly detection algorithms to identify data inconsistencies and support proactive variance analysis, ensuring robust data integrity.
- Optimized database queries for high-volume data retrieval, improving execution speed and enabling comprehensive analytical reviews of financial and operational data.
- Created drill-through and dynamic reporting capabilities in Excel to generate advanced charts, tables, and dashboards for actionable business insights.
- Integrated multiple data sources into Power BI to enhance real-time data tracking and validate data against source systems for accuracy.
- Performed ad hoc analyses using Excel functions to resolve evolving business requirements and support detailed operational assessments.

Goal Street, Technoedz LLC., India   **Dec 2019 - May 2020**
Data Intern

- Created and optimized complex SQL queries, utilizing stored procedures, common table expressions (CTEs), and temporary tables to support Tableau reports.
- Maintained and optimized databases, implementing ETL processes using SQL for enhanced data integrity.
- Deployed MS SQL Server to store, transform, and query data, supporting data analysis and reporting workflows.
- Analyzed datasets using statistical and machine learning algorithms, contributing to a 9% increase in customer retention rates.

EDUCATION

Florida International University   **Aug 2022 - Dec 2023**
Master's, Information Systems

Jawaharlal Nehru Technological University Hyderabad   **Jun 2017 - Apr 2021**
Bachelor's, Computer Science

CERTIFICATIONS

- Six Sigma Yellow Belt Certification
- Mastering Data Governance and Ethics
- Tableau Essential Training (2020.1).
- Foundations of AI