AKHIL BOGA

Dallas, TX

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SUMMARY

Senior Data Analyst with over 5 years of experience in data management, analysis, and visualization. Expert in designing ETL pipelines and analyzing customer data to support business decisions. Proficient in utilizing Python, SQL, and Tableau for creating advanced BI reports and insightful dashboards. Demonstrated ability to improve data quality, streamline processes, and drive revenue growth through data-driven insights.

SKILLS

- **Data Analysis & Visualization**: SQL, HQL, Python (pandas, NumPy), R, Power BI, Tableau, Alteryx, Excel (Advanced)
- **Data Management**: MySQL, MS SQL Server, Oracle Database, Master Data Management (MDM), SQL Server Reporting Services (SSRS), SQL Server Integration Services (SSIS)
- **Cloud & Big Data Technologies**: GCP, AWS, Hadoop, Ab-Initio
- **Tools & Platforms**: Jupyter Notebook, Anaconda, GitHub

WORK EXPERIENCE

Betty Hardwick Center   **Mar 2024 - Present**
Data Analyst   *Abilene, TX (Hybrid)*
- Developed and maintained data analysis scripts using Python, leveraging libraries such as NumPy and Pandas.
- Designed and implemented SQL stored procedures for nightly data refreshes, ensuring up-to-date information for business operations.
- Developed PowerBI and Tableau dashboards to assess patient demographics and created state reports, reporting directly to CAO and CFO
- Created comprehensive reports using SSRS to present analysis results to stakeholders.
- Conducted data migration projects using SSIS, ensuring data integrity and minimal downtime.
- Improved data quality and conducted quantitative data analytics to identify financial trends and inconsistencies, facilitating a 15% revenue increase.
- Utilized Alteryx for advanced data preparation and blending, enhancing the efficiency of data workflows.
- Implemented R-based statistical models for predictive analytics, providing actionable insights to the finance team.
- Deployed and managed data infrastructure on GCP and AWS, optimizing cost and performance for data processing tasks.

DataEdge   **Jul 2023 - Mar 2024**
Data Analyst   *Itasca, IL (Remote)*
- Automated BAU data processing tasks using Unix Scripting, reducing manual effort by 20%.
- Designed and implemented ETL processes using SQL and HQL, ensuring efficient data extraction, transformation, and loading.
- Performed data cleansing and preparation using Python libraries like Pandas, ensuring high data quality for analysis.
- Utilized R and Alteryx for advanced data analysis and visualization, improving the accuracy and clarity of reports.
- Conducted statistical analysis and hypothesis testing to derive actionable insights, leading to a 15% increase in revenue.
- Leveraged cloud platforms such as AWS and GCP to deploy and manage data infrastructure, reducing operational costs by 20%.
- Managed deployments and monitoring using Azure DevOps, ensuring efficient and reliable data operations.

Tata Consultancy Services   **Apr 2018 - Dec 2021**
Data Analyst   *TN (Remote)*
- Implemented ETL processes using Python and SQL, automating data integration tasks and reducing manual effort by 40%.
- Created insightful reports using Power BI, enabling stakeholders to gain insights into key performance metrics.
- Developed data models for the company's data warehouse, enabling efficient data storage and retrieval, which improved data access speed
- Managed database systems, ensuring data availability, reliability, and security in compliance with industry standards.
- Employed Docker and Kubernetes for containerization and orchestration of data applications, enhancing scalability and reliability.
- Streamlined data pipeline deployments using Jenkins for CI/CD, improving deployment efficiency

Anagha Softech Pvt Ltd   **Oct 2017 - Apr 2018**
Data Analyst Intern   *TN (On-Site)*
- Utilized SQL for querying and manipulating data, enhancing data retrieval speed and accuracy.
- Employed basic data visualization techniques using tools like Matplotlib or Seaborn to present data insights visually.
- Executed ETL processes using Hadoop, Ab-initio, and MDM systems, ensuring efficient data integration and management
- Leveraged Python data frame libraries such as Pandas for data manipulation tasks, streamlining data processing workflows.
- Ensured data quality and integrity by performing data preprocessing tasks, including data cleaning and normalization.

EDUCATION

University of North Texas   **Jan 2022 - May 2023**
Master of Science (M.S.) - Computer Science   *Denton, TX*
GPA : 4.0/4.0

CERTIFICATIONS

- **Microsoft PowerBI Certification**: Issued by: Microsoft, Date: July 2024, Credential ID: 18277E0776E3BCF1.