SURYATEJA YAMASANI

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Profile:

Analytically driven Data Analyst with over five years of hands-on experience in extracting actionable insights from complex datasets and transforming intricate data challenges into scalable solutions. Proficient in advanced analytics tools such as PowerBI, Tableau, and SQL, and experienced in building and optimizing data pipelines using the Microsoft Azure stack. Adept at interpreting data trends, identifying patterns, and providing strategic recommendations to drive business decisions. Possesses strong programming skills in Python, R, and PySpark, and expertise in data cleaning, manipulation, and statistical analysis. Skilled in utilizing Azure Data Factory (ADF) and Databricks for streamlining ETL processes and enhancing data processing capabilities. Demonstrates strong communication skills and a proven track record of collaborating cross-functionally to deliver impactful insights and enhance business performance. Experienced in implementing Terraform for infrastructure as code (IaC) to automate deployment and management of data solutions. Adept at data warehousing, data modeling, and performance tuning to ensure exceptional data quality and speed. Seeking to leverage expertise in data analysis, engineering, and visualization to contribute to the success of a dynamic organization.

Technical Skills:

- **Programming and Languages**: Python, R, Pyspark, R programming, SQL
- **Database**: MS SQL Server, MySQL, PostgreSQL, MongoDB
- **Data Visualization**: Tableau, PowerBI, Excel/G-sheets
- **Data Management and Tools**: MySQL, BigQuery, Airflow, GitLab
- **Cloud:** Microsoft Azure, Amazon AWS
- **Statistical Analysis and Modeling**: Python, R, A/B Testing, Data Modelling, Predictive Modeling
- **Problem-solving and Attention to Detail**: Problem-solving, Attention to Detail
- **Presentation and Communication**: Presentation Skills, Communication Skills, Stakeholder Management
- **Data Collection and Processing**: Data Collection, Data Cleaning, Pre-processing
- **Microsoft Tools**: Microsoft PowerBI, DAX, ETL, SSRS, SSIS, Microsoft Excel, Microsoft Access
- **Analysis and Identification**: Trend and Pattern Identification, Market Segmentation Analysis
- **Cross-functional Collaboration & Process Improvement**: Cross-functional Collaboration, Process Improvement
- **Quality Control and Performance Monitoring**: Quality Control, Performance Monitoring
- **Others:** Azure Devops, Azure Databricks, Azure Data Factory, Azure DataLake, Terraform, ETL, SSIS, Snowflake, VisualStudio Code, Apache Airflow, Matillion, Visual Studio, CI/CD pipelines, Hadoop, Hive, Git

Professional Experience:

Data Analyst
Pennon water services: *Mar 2022 – April 2024*

- Developed a customer segmentation strategy using advanced clustering techniques, resulting in a 25% increase in customer satisfaction.
- Implemented real-time monitoring of financial performance and operational efficiency using Tableau and Python, enhancing productivity by 30%.
- Created data-driven pricing strategies and promotional campaigns through statistical analysis and SQL queries, optimizing revenue and profit margins.
- Ensured data compliance with localization regulations, mitigating legal risks by implementing robust data governance policies.
- Established a centralized metadata repository using Databricks Unity Catalog, facilitating efficient data discovery and access.
- Designed and monitored complex data pipelines with Azure Data Factory (ADF), enhancing data processing capabilities.
- Integrated ADF with Azure Key Vault for secure credential management, ensuring data confidentiality.

- Implemented error handling and retry mechanisms in data workflows, minimizing processing disruptions.
- Conducted data literacy training programs, improving analytical capabilities and fostering a data-driven culture across the organization.

Data Analyst
Capgemini: *Feb 2021 – Mar 2022*

- Analyzed sales data to identify regional trends and customer preferences, driving a 10% increase in targeted marketing campaign effectiveness.
- Developed customized PowerBI dashboards to track KPIs, enabling real-time data-driven decision-making.
- Conducted market basket analysis to identify cross-selling opportunities, resulting in a 15% increase in average transaction value.
- Collaborated with merchandising and procurement teams to analyze supplier performance and negotiate favorable terms, reducing procurement costs by 15%.
- Ensured compliance with GST and SEBI regulations while handling sensitive customer data, maintaining data privacy and security.
- Designed and maintained scalable data pipelines using Azure services, ensuring efficient data ingestion and transformation.
- Automated cloud infrastructure provisioning with Terraform, improving deployment speed by 20%.
- Integrated DevOps practices into data engineering processes, reducing deployment failures by 45%.
- Optimized data processing performance by 85% through query tuning and indexing strategies.
- Worked closely with cross-functional teams to deliver innovative data solutions, driving business objectives with actionable insights.

Data Analyst
Capgemini: *Aug 2018 - Dec 2019*

- Developed and maintained SQL databases to support various business functions, ensuring optimal performance and reliability with a 25% improvement in query execution time.
- Conducted performance tuning and optimization of SQL queries and database operations to enhance application performance and scalability.
- Created complex SQL queries and stored procedures to retrieve and manipulate data for analytical purposes, ensuring accuracy and efficiency.
- Developed customized Excel dashboards to track and report key performance metrics, facilitating data-driven decision-making.
- Implemented data validation and cleansing processes in Excel to ensure the accuracy and integrity of datasets used for analysis.
- Collaborated with cross-functional teams to gather requirements and develop database solutions aligned with business objectives.
- Analyzed large datasets using SQL and Excel to identify trends, patterns, and insights that informed strategic business decisions.

Education:
Master's in Data Science and Analytics *Jan 2020 – Mar 2021*
University of Hertfordshire, United Kingdom

Certifications:
- Azure Data Engineer Associate (DP 203)
- Microsoft Certified: Data Analyst Associate
- Tableau Certified Data Analyst
- Hashicrop Certified: Terraform Associate