Sudheer Bezawada
Data analyst
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Professional Summary:

- Over 6 years of experience in data analysis across financial, healthcare, and retail sectors, emphasizing predictive modeling and data integrity.
- Proficient in utilizing Microsoft SQL Server for robust database management, ensuring optimized data retrieval and storage solutions.
- Demonstrated expertise in leveraging SQL for complex data querying, enhancing data extraction, and manipulation processes.
- Skilled in the advanced use of Excel for data analysis, report generation, and visual data presentations.
- Experience Developing reports / dashboards using visualization using Tableau.
- Expertise in creating dynamic visualizations and business intelligence reports using Tableau to drive decision-making.
- Utilized Python to automate data processing tasks and perform advanced data manipulations, enhancing workflow efficiencies.
- Employed R for comprehensive statistical analysis and predictive modeling, supporting strategic decisions.
- Managed version control with GIT, facilitating team collaboration and maintaining code integrity across projects.
- Developed and maintained databases using SSMS, focusing on performance improvement and system monitoring.
- Enhanced data reporting capabilities by effectively documenting processes and maintaining high data quality standards.
- Experience analyzing data migration applications (ETL/ELT) with Microsoft Azure, Google Cloud Platform (GCP), Databricks Services, and Snowflake.
- Experienced with SSIS for executing complex ETL processes, ensuring efficient data integration and transformation.
- Utilized Oracle Data Integrator and Informatica for data integration across various platforms, enhancing data consistency.
- Implemented Apache NiFi and Kafka for real-time data processing and streaming, optimizing data flow and accessibility.
- Experience in analyzing, executing, and maintaining data extraction, transformation, and loading for multiple Data Stores, Enterprise Data warehousing (EDW), and Data mart systems.
- Experienced with Google Cloud Platform (GCP), Storage, pub/sub, data studio and Big Query.
- Developed secure data exchange protocols with FTP/SFTP, ensuring robust data security and compliance.
- Leveraged RESTful API to integrate and automate data retrieval processes across disparate systems efficiently.
- Expertise in Azure Stream Analytics for deploying real-time analytics solutions on cloud platforms.
- Managed data warehousing solutions using Azure SQL and Datawarehouse, optimizing data storage and scalability.
- Designed and executed data-driven strategies in the financial sector using advanced analytics to enhance risk assessment.
- Developed machine learning models using Amazon SageMaker, predicting financial trends and customer behaviors accurately.
- Experience in using the JIRA and Confluence for Project progress and involved in creating Epic's, User Stories, prioritization, Sprint planning.
- Proficient in employing AWS cloud services, including S3 and Redshift, for scalable and secure data solutions.
- Utilized Alteryx for advanced data preparation and automation, significantly reducing data processing times.
- Employed AWS Recognition for advanced data interpretation through machine learning, enhancing data insights.
- Maintained comprehensive documentation to support data management practices and ensure compliance with industry standards.
- Conducted in-depth data studies using the R language, supporting complex data analysis and decision-making processes.
- Implemented AWS Recognition to enhance data interpretation capabilities, leveraging machine learning for better accuracy.
- Excellent presentation and communication skills, with a passion to continuously learn newer technologies in the Analytics world, always think out of box mind set and hard working as well.

Technical Skills:

Database Management	Microsoft SQL Server, SSMS, Azure SQL, MySQL and Oracle12c, SQL Server Enterprise Manager, T-SQL, OLTP, BCP, OLAP, ER Studio, DB2.
Data Analysis and Reporting	SQL, Excel, Tableau, Power BI, Qlik Sense, Looker, Data Studio
Programming	Python, R, MATLAB, PySpark
Data Visualization	Matplotlib, Power BI, Qlik Sense, Looker, Data Studio
ETL and Data Integration	SSIS, Oracle Data Integrator, Informatica, Apache NiFi, Kafka
Machine Learning and Analytics	Amazon SageMaker, AWS Recognition, ML, R, MATLAB
Cloud and Data Warehousing	AWS S3, AWS Redshift, Azure Stream Analytics, Datawarehouse, Google cloud platform, Snowflake
Documentation and Versioning	GIT, SharePoint, Confluence
Operating Systems	Linux
API and Data Transfer	RESTful API, FTP/SFTP

Professional Experience:

UHG, Pittsburgh, PA   **May 2023 to till date**
Data Analyst

Roles & Responsibilities:
- Analyzed health care data using SQL Developed and executed complex SQL queries to extract and analyze health care data from Electronic Health Records (EHR) systems, providing actionable insights into patient outcomes and operational efficiency. Developed extensive financial reports and dashboards using Tableau, facilitating better visualization and understanding of data trends.
- Managed project documentation efficiently using SharePoint, ensuring easy access and collaboration across financial teams.
- Integrated health care data with Power BI Developed and maintained Power BI reports and dashboards to monitor key health care performance indicators, including patient readmission rates and compliance with treatment protocols. Constructed predictive models using Amazon SageMaker, effectively forecasting financial outcomes and customer behaviors.
- Administered AWS S3 for secure and scalable data storage, optimizing data management practices for financial datasets.
- Implemented AWS Redshift for data warehousing, significantly improving data retrieval and storage efficiency.
- Utilized Apache Spark ALS for developing recommendation systems, enhancing personalized financial services and product offerings.
- Developed automated business reporting experience with Tableau Created and automated comprehensive reports and visualizations in Tableau, reducing manual reporting efforts by 40% and enhancing the accessibility of critical business metrics.
- Conducted advanced data analysis using R language, providing deep insights into financial patterns and risk factors.
- Employed AWS Recognition to perform detailed image and text analysis, enhancing data interpretation capabilities.
- Developed advanced Crystal Reports Designed and implemented complex Crystal Reports to provide detailed business insights and analytics, enhancing data visibility and decision-making processes.Ensured secure and efficient data exchange using FTP/SFTP protocols, maintaining high standards of data integrity and security.
- Created health care performance metrics with Excel Designed complex Excel models and dashboards to track and analyze health care performance metrics, such as patient wait times and staff efficiency.
- Orchestrated real-time data streaming and processing using Apache Kafka, optimizing financial transaction monitoring.
- Employed Excel to perform advanced financial calculations and data manipulations, supporting detailed financial analysis and reporting.

- Expert in SQL Server database software Designed and optimized complex queries, stored procedures, and views in SQL Server, enhancing data retrieval efficiency and supporting advanced data analytics.
- Utilized AWS CloudFormation for deploying and managing cloud resources, ensuring robust infrastructure for financial applications.
- Integrated AWS Lambda for automating data processing tasks, increasing efficiency and reducing manual intervention.
- Developed user-friendly data entry forms with Visual Basic Created intuitive data entry forms and interfaces using Visual Basic for Applications, improving data collection efficiency and accuracy for internal reporting systems.
- Leveraged Python scripts for automating data extraction and processing tasks, enhancing workflow efficiency and accuracy.
- Configured and maintained AWS Redshift clusters, optimizing performance for large-scale data analytics and reporting.
- Utilized SharePoint to facilitate document management and collaboration, ensuring effective communication and project tracking.
- Developed interactive financial models and simulations using MATLAB, providing insights into financial risks and opportunities.
- Employed advanced analytics techniques using Tableau and Power BI, creating dynamic visualizations to depict financial trends and forecasts.

Environment: SQL, Tableau, SharePoint, Confluence, Amazon SageMaker, AWS S3, AWS Redshift, Apache Spark ALS, Alteryx, R Language, AWS Recognition, FTP/SFTP, RESTful APIs, Apache Kafka, Excel, AWS CloudFormation, AWS Lambda, Microsoft Azure, Python, MATLAB, Power BI.

Cognizant Technology Solutions India Private Limited, India　　　　　　**Sep 2021 to Jan 2023**
Data analyst

Roles & Responsibilities:
- Experience working with Finance client, Sales, PII, PHI, care provider data and care giver data.
- Responsible for product data analysis with exploratory data analysis (EDA) and data profiling between the multiple source systems using SQL, Python and Tableau.
- Worked on data analytics and visualization projects using Power BI, involving data integration, reconciliation, and building expressions for business calculations.
- Experience with Data reconciliation between upstream & downstream systems.
- Experience in data modelling, data governance and responsible for data quality checks.
- Involved in working with the source to target mapping documents (STTM) for the ETL/ELT.
- Experience in developing complex SQL queries using multiple CTE's, creating Tables, Views, and tuning queries for better performance.
- Developed and optimized PySpark scripts to process large-scale datasets, enhancing data pipeline efficiency and reducing execution time by 30%.
- Created and published customized interactive reports and dashboards using Power BI service, ensuring effective data representation and insights for stakeholders.
- Developed complex SQL queries in Big Query for data extraction, transformation, and loading (ETL) processes, ensuring data quality and consistency across various data sources.
- Integrated Airflow with cloud platforms like GCP to streamline data ingestion and processing, leveraging cloud native capabilities for scalability and performance.
- Implemented machine learning models in Python for predictive analytics, resulting in improved business decision making processes.
- Experience in validate completeness of data lineage between the source through target systems.
- Extensively used APIs in data validations, used Postman for API related validations.
- Responsible for developing reports and dashboards using Tableau cloud/ Tableau Prep & Desktop.
- Created a data flow from multiple sources including Big query (in Google Cloud Platform) for the interactive Tableau Reports and dashboards
- Worked on a POC for data ingestion pipeline creation with sample data for new Snowflake environment.
- Worked on Data profiling, indemnify trends, patterns and data accuracy in the Snowflake environment
- Experience data cleansing and data massaging using SQL, Tableau and Big query

- Experience in designing and developing the dashboards, Scorecards and KPI's in the Tableau Cloud.
- Experience with Filters, Calculated fields, Tableau server administration like user & groups administration, roles & profiles, job scheduling and job monitoring.
- Experience in using the JIRA and Confluence for Project progress and involved in creating Epic's, User Stories, prioritization, Sprint planning.
- Leveraged Qlik Sense for dynamic data visualization, aiding retail managers in understanding product performance and inventory levels.
- Optimized report performance with Crystal Reports Improved the performance of Crystal Reports by optimizing queries and report designs, resulting in a 40% reduction in report generation time.
- Employed Google Data Studio to consolidate data from multiple sources, facilitating a unified view of retail operations and customer interactions.

Environment: T-SQL, Visual Studio, SQL Server Profiler, Tableau Cloud, Tableau Prep, Tableau Desktop, Salesforce, Google cloud platform – Big query, Data flow, Snowflake, JIRA and Confluence.

Team Tarak Trust, India   **Jan 2019 to Sep 2021**
Data analyst

Roles & Responsibilities:
- Integrated SQL and Oracle Data Integrator for seamless data flow between different systems, enhancing data consistency.
- Managed trust data integrations using Apache NiFi, ensuring real-time data availability and system interoperability.
- Utilized Informatica for complex ETL processes, streamlining data transformation and loading to improve healthcare data analytics.
- Employed Kafka for efficient data streaming, facilitating timely data processing and analysis in trust operations.
- Conducted data cleansing and transformations using SSIS, ensuring high data quality and reliability for healthcare reporting.
- Built interactive dashboards with Visual Basic in Excel: Created dynamic and interactive dashboards using VBA in Excel, enabling users to filter and analyze data efficiently, leading to more informed business decisions.
- Developed data documentation and governance protocols using GIT, maintaining data integrity and compliance with healthcare regulations.
- Managed data interactions and integrations using FTP/SFTP, securing data transfers across trust systems.
- Leveraged Linux-based systems for hosting and executing healthcare data operations, ensuring system stability and security.
- Utilized XML and JSON for data interchange among healthcare systems, enhancing data accessibility and interoperability.
- Implemented data extraction and integration processes using RESTful APIs, automating data flows and reducing manual efforts.
- Optimized trust databases using SQL tuning techniques, improving performance and data retrieval times.
- Streamlined trust data analysis and reporting processes using Excel pivot tables and advanced functions.
- Configured and maintained Oracle databases, ensuring robust data management and security in trust environments.
- Developed and maintained trust data pipelines using Apache NiFi, enhancing data accuracy and timeliness.
- Implemented robust data security measures using GIT version control, safeguarding sensitive organization information.
- Facilitated data-driven decision-making by creating and maintaining dynamic dashboards and reports using Microsoft Excel.

Environment: SQL, Oracle Data Integrator, Apache NiFi, Informatica, Kafka, SSIS, Microsoft Excel, GIT, FTP/SFTP, Linux, XML, JSON, RESTful APIs, Python, Oracle Databases.

Education:-

Wichita state university   **Jan 2023 - May 2024**
Master's in computer science   GPA:3.97