

United States Citizen.

Location:

Jefferson City,
Missouri 65109,
USA

**** For an updated resume, please send an email to**
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Professional Summary:

With over 8 years of IT expertise, I excel as a Data Analyst, showcasing a broad spectrum of industry experience. My skills have been honed across multiple sectors, including Pharmaceuticals, Defense and Space Manufacturing, Federal and State Government, Public Sector, Aviation, Airlines, Technology, Transportation, Logistics, Healthcare, Business Intelligence, Financial Services, Banking, Higher Education, Entertainment, E-commerce, Retail, Marketing, Computer Games, Manufacturing, Digital Marketing, Supply Chain, Energy, Utilities, Telecommunications, and more. This diverse background enables me to deliver exceptional data analysis and database development solutions in varied environments. Expertise in using the Agile tool Jira for creating user stories and maintaining them with well-groomed description. Specialized in ingesting data into cloud platforms such as AWS and Snowflake, and utilizing Denodo for data virtualization.

Expert in SQL, Exploratory Data Analysis, Delphix, Python, Excel, Tableau, Power BI, Oracle Database Engineering, Agile methodologies, SDLC, and PL/SQL, among others.

Proficient in SQL Queries and Functions, Data Analysis and Validation, Data Cleansing using Open Refine, and SQL Joins. Adept at creating interactive Tableau Dashboards with user-level security and Scorecard Reports for Corporate Financial Forecasting using XML and HTML.

Skilled in Business Intelligence tools such as Informatica and ETL, T-SQL, Data Warehousing, Oracle Database, Stored Procedures, SQL Server, Designing Schemas using Entity Relationships, Data Modeling, Normalization, and Creating Tables, Views, Indexes, and Sequences.

Successfully streamlined the integration of Commercial LOBs into QNXT, significantly boosting efficiency and service quality.

Strong background in data science, excelling at Reporting Requirements and automation, Business Intelligence and visualization, and mining Statistics. Top-notch documentation skills and an effective approach to analyzing business needs.

Additional Projects Involving DoD Clients include the U.S. Military Entrance Processing Command (USMEPCOM), Lockheed Martin, and Raytheon, all of which required Security Clearance, among other clients.

Programming Languages: SQL, PL/SQL, Python

Data Analysis Tools: Tableau, Power BI

RDBMS: Oracle, SQL Server, MySQL, PostgreSQL, Amazon RDS, Amazon Aurora, MariaDB

Big Data Platforms: MongoDB, Apache Hadoop, Apache Spark, Snowflake, Google Cloud Platform (GCP), Microsoft Azure, Databricks, Cassandra

Soft Skills: Problem-solving, Communication, Stakeholder Management

Skills / Project Experience/ All Clients Work Experience:

- Performed data cleaning and designed layouts and specifications for user-facing reports, providing a comprehensive Metadata Management solution from start to finish.
 - * Driving insights and data-driven decisions that increased revenue by 15% as a Data Analyst.
 - Managed the SWIFT messaging service to facilitate financial communications, including letters of credit, payments, and securities transactions among global member banks.
 - Transformed reporting procedures by adopting automated reporting systems, cutting down manual efforts by 40% while greatly enhancing the accuracy and promptness of reports. Created tailored dashboards and reports to offer leadership immediate access to critical financial data.
 - Utilized sophisticated Excel features such as VLOOKUP, Pivot Tables, graphs, and both analytical and statistical toolkits.
 - Collaborated with the Cash Management Division and Compliance Office to assess Anti Money • • • Laundering (AML) regulations and implemented Positive Pay services to mitigate check fraud risks.
 - Developed interactive Tableau dashboards, monitoring key logistics KPIs.
 - Utilized advanced Tableau visualizations, aiding in complex problem-solving.
 - Created complex Tableau formulas, addressing intricate business logic.
 - Assisted users in dashboard development, defining best practices for report creation.
 - Scheduled and optimized BI processes, enhancing report dependency management.
 - Supported ad-hoc requests, conducting in-depth analyses to pinpoint concerns.
 - Optimized Tableau Data Connections/Extracts, improving report refresh efficiency.
 - Developed Inventory Control dashboards in Tableau, analyzing vendor defects.
 - Wrote SQL queries, addressing critical data needs for business operations.
 - Administered Tableau installations/configurations, ensuring optimal platform performance.
 - Managed system administration tasks, maintaining/upgrading servers for reliability.
 - Resolved performance/server issues, securing data with backups using Tabadmin/Tabcmd.
 - Implemented product/system integrations, leveraging Tableau architecture for efficiency.
 - Prepared test scripts, and documented training modules for user competency.
 - Formulated Tableau desktop installation/configuration procedures, streamlining setup.
 - Created Tableau reports, analyzing business requirements for data insights.
 - Designed Supply Chain models, integrating multi-source data for enhanced analysis.
 - Interacted with users, capturing requirements for continuous enhancement.
 - Led extensive data analysis and transformation efforts for United Therapeutics Corporation, resulting in major improvements in healthcare data management and business intelligence.
 - Pioneered the development of advanced data mapping techniques, leading to a 33% improvement in data integration efficiency and accuracy.
 - Executed rigorous data validation and integration processes, ensuring 100% compliance with healthcare industry standards.
 - Transformed complex healthcare data formats, facilitating streamlined financial and clinical data analysis.
 - Led the successful execution of engineering projects with United Therapeutics Corporation., focusing on data integrity, performance optimization, and innovative data analysis techniques.
 - Demonstrated exceptional expertise in healthcare data, including insurance claims, membership, provider, and enrollment data, contributing to a 24% reduction in claims adjudication times.
 - Optimized SQL queries, resulting in a 43% increase in database performance and reporting speed.
 - Designed and deployed dynamic Tableau dashboards, showcasing financial and clinical healthcare data insights through diverse chart types and advanced features, enhancing stakeholder decision-making.
 - Fostered effective stakeholder collaboration, gathering critical requirements for client implementations and achieving a 94% satisfaction rate.
 - Applied agile methodology principles to drive efficient project execution in data transformation and reporting, ensuring timely delivery within 12% of the projected timelines.
- Databases · Tableau · Statistical Data Analysis · SQL Tools · Cloud Storage

- Developed DAX queries for the creation of calculated columns and measures within Power BI.
- Collaborated with cross-functional teams to drive insights and data-driven decisions, enhancing marketing strategies as a Data Analyst.
- Extracted data from SQL Server and Azure SQL databases, and utilized Power BI for report generation.
- Deployed Power BI reports to designated organizations and enabled dashboard accessibility on web clients and mobile applications.
- Coordinated with authorized personnel to manage user group access, Power BI workspaces, and reports.
- Automated report updates through scheduled refreshes and Power BI REST APIs.
- Employed Power BI Query Editor for diverse data transformations.
- Generated reports with time intelligence calculations and functions.
- Validated data analysis and quality, managed report approvals, and distributed reports for effective summarization.
- Collaborated with managers to capture business stakeholder requirements and conducted process analysis.
- Utilized Power BI to analyze data through various visualizations and techniques.
- Deployed organization-wide Power BI Gateways for real-time dashboard and report updates.
- Crafted Up-selling and Cross-selling reports leveraging DAX functions.
- Implemented Row-Level Security in Power BI and integrated it with the Power BI service portal.
- Oversaw Power BI Tenant and Capacity management to enhance user experience in Power BI Service.
- Implemented Deployment Pipelines for report version control in Power BI Service.
- Developed and optimized stored procedures and queries for better database performance.
- Microsoft Power BI · DAX · SQL
- Initiated and managed data analysis projects, involving the collection, cleansing, and interpretation of data from diverse sources, resulting in a 20% enhancement in patient care efficiency.
- Developed predictive models using Python to forecast patient admission rates, achieving a 95% accuracy rate and enabling better staff allocation.
- Designed and implemented interactive dashboards in Power BI, providing real-time insights into patient care metrics, and significantly improving decision-making processes.
- Automated routine reporting tasks using SQL and Python scripts, reducing report generation time by 48% and allowing the team to focus on strategic analysis.
- Engaged in developing HIPAA (Health Insurance Portability and Accountability Act) transactions and code sets standards based on test scenarios, including 837 healthcare claim transactions.
- Collaborated with cross-functional teams to understand data requirements and deliver comprehensive analytics solutions, enhancing operational workflows.
- Investigated the current client procedures and led teams to comply with HIPAA standards for the systems across all EDI transaction sets. Collected needs, designed the data warehouse and the transactional database beneath, and conducted a Gap analysis to pinpoint and confirm the requirements.
- Conducted thorough data quality assessments, identifying and rectifying inconsistencies in external data sources, ensuring 99% data accuracy in reports.
- Led the migration of data warehousing solutions to AWS Redshift, facilitating scalable analytics and reducing infrastructure costs by 34%.
- Facilitated knowledge-sharing sessions on data analytics tools and best practices, elevating the analytical skills of the team.
- Executed intricate ad hoc SQL queries as requested by the Business Analyst (BA) in both SSMS and Teradata SQL Assistant.
- * SQL Tools · Microsoft Power BI · Python (Programming Language) · SQL · Microsoft SQL Server · Oracle Database · Microsoft Excel · GitHub
- Developed and maintained dashboards integrating Data Extracts and Live connections from diverse sources, focusing on key performance indicators (KPIs), year-to-date (YTD), year-over-year (YOY) metrics, seasonality, revenue contribution, occupancy rates, price comparisons, length of stay, forecasting, and revenue management.
- Innovated visualization techniques, including the use of geolocation data, to meet unique business requirements under management direction.
- Explored advanced Tableau functionalities for query enhancements, ad-hoc pricing analyses, and business intelligence (BI) related to space management.
- Implemented incremental loading to manage record deletions, insertions, and updates, and highlighted modifications by automating report scheduling on Tableau Server.

- Actively participated in the full lifecycle of Tableau projects, receiving guidance from management to improve and automate analytic processes, linking databases efficiently.
- Crafted training materials for both established and newly optimized dashboards, ensuring users could leverage the full capabilities of data visualizations.
- Optimized the performance of Tableau Dashboards.
- Built Stored Procedures, triggers, cursors, tables, views, and various SQL joins and statements to support applications.
- Developed and maintained SQL Indexes, Views, Complex Stored Procedures, triggers, and User-defined functions to enhance database functionality.
- Executed ETL processes to extract, transform, and load data into staging areas and data warehouses, optimizing data management workflows.
- Designed and executed PL/SQL procedures, packages, functions, and triggers for optimized data handling, boosting project efficiency and data accuracy.
- Streamlined database performance with expert query optimization and tuning using SQL Trace, TKPROF, Explain Plan, Indexing, Hints, Bulk Binds, and Bulk Collect.

As a Data Analyst/Data Engineer, I leverage my IT expertise and diverse industry experience to deliver exceptional data analysis and database development solutions. I have worked across multiple sectors, including Pharmaceuticals, Defense and Space Manufacturing, Federal and State Government, Public Sector, Aviation, Airlines, Technology, Transportation, Logistics, Healthcare, Business Intelligence, Financial Services, Banking, Higher Education, Entertainment, E-commerce, Retail, Marketing, Manufacturing, Digital Marketing, Supply Chain, Energy, Utilities, Telecommunications, and more. I am proficient in SQL, Excel, Tableau, Power BI, Oracle Database Engineering, Agile methodologies, SDLC, PL/SQL, and other tools and techniques. I have successfully performed data cleaning and designed layouts and specifications for user-facing reports, providing a comprehensive Metadata Management solution from start to finish. I have also utilized advanced SQL and Power BI expertise to transform complex data into engaging visual stories, fostering data-driven decisions and amplifying project outcomes. Experienced in data warehouses: Amazon AWS Redshift, Google BigQuery, Microsoft Azure Synapse Analytics, Snowflake, Oracle Cloud Infrastructure Data Warehouse, SAP Data Warehouse Cloud, IBM Db2 Warehouse on Cloud, Teradata Vantage Cloud, Cloudera Data Warehouse, Alibaba Cloud MaxCompute, and Exasol. Additionally, I have managed the SWIFT messaging service to facilitate financial communications among global member banks. I hold a Bachelor of Technology in Computer Technology/Computer Systems Technology from The City University of New York, and I have earned multiple certifications, including Oracle Database SQL Certified Expert and Telling Stories with Data. I am a dynamic professional with a flexible approach to work, open to learning new skills and technologies, and passionate about delivering value and quality to my clients and stakeholders.

- Performed data cleaning and designed layouts and specifications for user-facing reports, providing a comprehensive Metadata Management solution from start to finish.
- Driving insights and data-driven decisions that increased revenue by 15%.
- Utilized advanced SQL and Power BI expertise to transform complex data into engaging visual stories, fostering data-driven decisions and amplifying project outcomes.
- Oversaw Key Performance Indicators (KPIs), enhancing event KPI management through parameter optimization and report generation.
- Managed the SWIFT messaging service to facilitate financial communications, including letters of credit, payments, and securities transactions among global member banks.
- Utilized Google Cloud Platform (GCP) tools to build and manage efficient, scalable analytics pipelines, processing daily terabytes of data for optimized performance and cost.
- Transformed reporting procedures by adopting automated reporting systems, cutting down manual efforts by 40% while greatly enhancing the accuracy and promptness of reports. Created tailored dashboards and reports to offer leadership immediate access to critical financial data.
- Utilized sophisticated Excel features such as VLOOKUP, Pivot Tables, graphs, and both analytical and statistical toolkits.
- Collaborated with the Cash Management Division and Compliance Office to assess Anti Money Laundering (AML) regulations and implemented Positive Pay services to mitigate check fraud risks.
- Identified sources of complaints and scopes for improvement by analyzing trend data, contributing to enhanced service quality and customer satisfaction.
- Microsoft Azure, Databricks, Cassandra
- Created SQL and Excel-based data visualizations for key business metrics, resulting in a performance increase of up to 41%.
- ETL and Reporting with SSIS, SSAS, SSRS, and T-SQL (DDL, DML, DCL). Managed Teradata to Snowflake upgrades. CRM: Salesforce.
- Developed interactive Tableau dashboards, monitoring key logistics KPIs.

- Utilized advanced Tableau visualizations, aiding in complex problem-solving.
 - Created complex Tableau formulas, addressing intricate business logic.
 - Assisted users in dashboard development, defining best practices for report creation.
 - Scheduled and optimized BI processes, enhancing report dependency management.
 - Supported ad-hoc requests, conducting in-depth analyses to pinpoint concerns.
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 - Developed Inventory Control dashboards in Tableau, analyzing vendor defects.
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 - Managed system administration tasks, maintaining/upgrading servers for reliability.
 - Resolved performance/server issues, securing data with backups using Tabadmin/Tabcmd.
 - Implemented product/system integrations, leveraging Tableau architecture for efficiency.
 - Prepared test scripts, and documented training modules for user competency.
 - Formulated Tableau desktop installation/configuration procedures, streamlining setup.
 - Created Tableau reports, analyzing business requirements for data insights.
 - Designed Supply Chain models, integrating multi-source data for enhanced analysis.
 - Interacted with users, capturing requirements for continuous enhancement.
- Enhanced business KPI monitoring through the creation of SQL and Excel visualizations, leading to significant performance improvements.
- Optimized SQL queries, resulting in a 43% increase in database performance and reporting speed.
 - Designed and deployed dynamic Tableau dashboards, showcasing financial and clinical healthcare data insights through diverse chart types and advanced features, enhancing stakeholder decision-making.
 - Developed Tableau visualization using Cross tabs, Heat maps, Box-Whisker charts, Scatter Plots, Geographic maps, Pie Charts, Bar Charts, and Density charts.
 - Led extensive data analysis and transformation efforts for United Therapeutics Corporation resulting in major improvements in healthcare data management and business intelligence.
 - Pioneered the development of advanced data mapping techniques, leading to a 33% improvement in data integration efficiency and accuracy.
 - Executed rigorous data validation and integration processes, ensuring 100% compliance with healthcare industry standards.
 - Transformed complex healthcare data formats, facilitating streamlined financial and clinical data analysis.
 - Led the successful execution of engineering projects with United Therapeutics Corporation, focusing on data integrity, performance optimization, and innovative data analysis techniques.
 - Demonstrated exceptional expertise in healthcare data, including insurance claims, membership, provider, and enrollment data, contributing to a 24% reduction in claims adjudication times.
 - Managed and refined KPI monitoring, employing optimization techniques for better event KPI management and comprehensive reporting.
 - Oracle, SQL Server, MySQL, PostgreSQL, Amazon RDS, Amazon Aurora, MariaDB
 - Fostered effective stakeholder collaboration, gathering critical requirements for client implementations and achieving a 94% satisfaction rate.
 - Optimized SQL queries and stored procedures, cutting data retrieval times by 40%, and enhancing application performance.
- I leveraged my expertise in data analytics to enhance operational efficiency and support strategic business decisions through the following contributions:
- Engineered and executed DAX queries to generate calculated columns and measures, driving enhanced analytical capabilities within Power BI.
 - Automated the generation and update of reports, achieving a 100% on-time delivery rate through scheduled refreshes and integration with Power BI REST APIs.
 - Reduced data processing time by 40% and minimized analytical workflow errors by automating data preparation using Alteryx, impacting key finance projects.
 - Developed sophisticated up-selling and cross-selling reports using advanced DAX functions, contributing to targeted marketing strategies and increased revenue.
 - Fostered cross-functional collaboration, delivering insights and data-driven decisions that significantly enhanced marketing strategies.
 - Streamlined business processes by capturing and analyzing stakeholder requirements, leading to more efficient and accurate data reporting.
 - Enhanced data accessibility by deploying Power BI reports across the organization, enabling real-time access on web and mobile platforms.
 - Ensured secure data access by implementing Row-Level Security in Power BI and managing user

group permissions effectively.

- Developed interactive Tableau dashboards, monitoring key logistics KPIs.
- Utilized advanced Tableau visualizations, aiding in complex problem-solving.
- Created complex Tableau formulas, addressing intricate business logic.
- Assisted users in dashboard development, defining best practices for report creation.
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- Resolved performance/server issues, securing data with backups using Tabadmin/Tabcmd.
- Implemented product/system integrations, leveraging Tableau architecture for efficiency.
- Prepared test scripts, and documented training modules for user competency.

Performed data cleaning and designed layouts and specifications for user-facing reports, providing a comprehensive Metadata Management solution from start to finish.

- Driving insights and data-driven decisions that increased revenue by 15%.
- Utilized advanced SQL and Power BI expertise to transform complex data into engaging visual stories, fostering data-driven decisions and amplifying project outcomes.
- Oversaw Key Performance Indicators (KPIs), enhancing event KPI management through parameter optimization and report generation.
- Managed the SWIFT messaging service to facilitate financial communications, including letters of credit, payments, and securities transactions among global member banks.
- Utilized Google Cloud Platform (GCP) tools to build and manage efficient, scalable analytics pipelines, processing daily terabytes of data for optimized performance and cost.
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- Created SQL and Excel-based data visualizations for key business metrics, resulting in a performance increase of up to 41%.
- ETL and Reporting with SSIS, SSAS, SSRS, and T-SQL (DDL, DML, DCL). Managed Teradata to Snowflake upgrades.CRM: Salesforce.

Spearheaded the analysis of sales, inventory, and customer data to identify trends and opportunities, leading to a 10% increase in sales efficiency and customer satisfaction.

- Developed and maintained ETL processes for data integration from various sources into a centralized data warehouse, ensuring data accuracy and availability for reporting.
- Implemented real-time data monitoring dashboards using PowerBI, enabling quick decision-making and issue resolution related to inventory management and sales forecasting.
- Conducted advanced analytics to forecast sales trends and inventory needs, significantly reducing overstock and stockouts by 15%.
- Collaborated with cross-functional teams to understand data needs, ensuring the delivery of timely and relevant data insights for strategic planning.
- Automated data cleansing and validation processes, improving data quality and reducing manual data processing time by 20%.
- Utilized Python and SQL for data manipulation and analysis, creating custom reports and insights for the retail management team.
- Led troubleshooting efforts to identify and resolve data integrity issues, enhancing the reliability of business reports.
- Participated in agile development cycles, contributing to the continuous improvement of data analytics processes and tools.
- Analysis of the impact on DataStage and reports to ensure the smooth flow of online SKUs through the retail business as well.

Implemented robust reporting systems resulting in a 20% increase in efficiency.

- Troubleshoot and resolved critical data flow issues, ensuring data accuracy and reliability.
- Supported the optimization of marketing and sales efforts, contributing to a 15% improvement in conversion rates.
- Lead in-depth analyses and reporting initiatives based on multiple data sources, measuring marketing and sales effectiveness globally.
- Develop, maintain, and present data, dashboards, reports, and analyses, including marketing campaign performance, business analysis insights, spend forecasting, and content engagement.
- Collaborate with cross-functional teams and external partners, supporting project management and execution efforts.
- Respond to analytics questions and requests from various teams and stakeholders, ensuring reliable and actionable insights.
- Successfully conducted troubleshooting and quality control of tracking, data flows, dashboards, and reports.
- Provided training, support, and consultation to internal and external teams on analytics-related matters.
- Maintained internal procedures and documentation to facilitate analytics and reporting standards.
- Developed interactive Tableau dashboards, monitoring key logistics KPIs.
- Utilized advanced Tableau visualizations, aiding in complex problem-solving.
- Created complex Tableau formulas, addressing intricate business logic.
- Assisted users in dashboard development, defining best practices for report creation.
- Scheduled and optimized BI processes, enhancing report dependency management.
- Supported ad-hoc requests, conducting in-depth analyses to pinpoint concerns.
- Optimized Tableau Data Connections/Extracts, improving report refresh efficiency.
- Developed Inventory Control dashboards in Tableau, analyzing vendor defects.
- Wrote SQL queries, addressing critical data needs for business operations.

Enhanced business KPI monitoring through the creation of SQL and Excel visualizations, leading to significant performance improvements.

- Optimized SQL queries, resulting in a 43% increase in database performance and reporting speed.
- Designed and deployed dynamic Tableau dashboards, showcasing financial and clinical healthcare data insights through diverse chart types and advanced features, enhancing stakeholder decision-making.
- Developed Tableau visualization using Cross tabs, Heat maps, Box-Whisker charts, Scatter Plots, Geographic maps, Pie Charts, Bar Charts, and Density charts.
- Led extensive data analysis and transformation efforts for United Therapeutics Corporation resulting in major improvements in healthcare data management and business intelligence.
- Pioneered the development of advanced data mapping techniques, leading to a 33% improvement in data integration efficiency and accuracy.
- Executed rigorous data validation and integration processes, ensuring 100% compliance with healthcare industry standards.
- Transformed complex healthcare data formats, facilitating streamlined financial and clinical data analysis.
- Led the successful execution of engineering projects with United Therapeutics Corporation, focusing on data integrity, performance optimization, and innovative data analysis techniques.
- Demonstrated exceptional expertise in healthcare data, including insurance claims, membership, provider, and enrollment data, contributing to a 24% reduction in claims adjudication times.
- Managed and refined KPI monitoring, employing optimization techniques for better event KPI management and comprehensive reporting.
- Oracle, SQL Server, MySQL, PostgreSQL, Amazon RDS, Amazon Aurora, MariaDB
- Fostered effective stakeholder collaboration, gathering critical requirements for client implementations and achieving a 94% satisfaction rate.
- Optimized SQL queries and stored procedures, cutting data retrieval times by 40%, and enhancing application performance.

At Sun Country Airlines, I leveraged my expertise in data analytics to enhance operational efficiency and support strategic business decisions through the following contributions:

- Engineered and executed DAX queries to generate calculated columns and measures, driving enhanced analytical capabilities within Power BI.
- Automated the generation and update of reports, achieving a 100% on-time delivery rate through scheduled refreshes and integration with Power BI REST APIs.
- Reduced data processing time by 40% and minimized analytical workflow errors by automating data preparation using Alteryx, impacting key finance projects.

- Developed sophisticated up-selling and cross-selling reports using advanced DAX functions, contributing to targeted marketing strategies and increased revenue.
- Fostered cross-functional collaboration, delivering insights and data-driven decisions that significantly enhanced marketing strategies.
- Streamlined business processes by capturing and analyzing stakeholder requirements, leading to more efficient and accurate data reporting.
- Enhanced data accessibility by deploying Power BI reports across the organization, enabling real-time access on web and mobile platforms.
- Ensured secure data access by implementing Row-Level Security in Power BI and managing user group permissions effectively.
- Optimized database performance by developing and refining stored procedures and queries, leading to faster data retrieval and analysis.
- Spearheaded the deployment of Power BI Gateways organization-wide, facilitating real-time dashboard updates and improving decision-making processes.
- Managed Power BI resources, improving user experience via strategic allocation.
- Introduced Deployment Pipelines for effective report control in Power BI, guaranteeing precise insights.
- Boosted analytics by combining MongoDB, Hadoop, Spark, Snowflake, and GCP for a scalable data environment.

Initiated and managed data analysis projects, involving the collection, cleansing, and interpretation of data from diverse sources, resulting in a 20% enhancement in patient care efficiency.

- Developed predictive models using Python to forecast patient admission rates, achieving a 95% accuracy rate and enabling better staff allocation.
- Designed and implemented interactive dashboards in Power BI, providing real-time insights into patient care metrics, and significantly improving decision-making processes.
- Automated routine reporting tasks using SQL and Python scripts, reducing report generation time by 48% and allowing the team to focus on strategic analysis.
- Engaged in developing HIPAA (Health Insurance Portability and Accountability Act) transactions and code sets standards based on test scenarios, including 837 healthcare claim transactions.
- Collaborated with cross-functional teams to understand data requirements and deliver comprehensive analytics solutions, enhancing operational workflows.
- Investigated the current client procedures and led teams to comply with HIPAA standards for the systems across all EDI transaction sets. Collected needs, designed the data warehouse and the transactional database beneath, and conducted a Gap analysis to pinpoint and confirm the requirements.
- Conducted thorough data quality assessments, identifying and rectifying inconsistencies in external data sources, ensuring 99% data accuracy in reports.
- Led the migration of data warehousing solutions to AWS Redshift, facilitating scalable analytics and reducing infrastructure costs by 34%.
- Facilitated knowledge-sharing sessions on data analytics tools and best practices, elevating the analytical skills of the team
- Executed intricate ad hoc SQL queries as requested by the Business Analyst (BA) in both SSMS and Teradata SQL Assistant.
- Translated business needs into optimized SQL solutions, improving data processing workflows by 25%.

Developed and maintained dashboards integrating Data Extracts and Live connections from diverse sources, focusing on key performance indicators (KPIs), year-to-date (YTD), year-over-year (YOY) metrics, seasonality, revenue contribution, occupancy rates, price comparisons, length of stay, forecasting, and revenue management.

- Innovated visualization techniques, including the use of geolocation data, to meet unique business requirements under management direction.
- Explored advanced Tableau functionalities for query enhancements, ad-hoc pricing analyses, and business intelligence (BI) related to space management.
- Implemented incremental loading to manage record deletions, insertions, and updates, and highlighted modifications by automating report scheduling on Tableau Server.
- Actively participated in the full lifecycle of Tableau projects, receiving guidance from management to improve and automate analytic processes, linking databases efficiently.
- Crafted training materials for both established and newly optimized dashboards, ensuring users could leverage the full capabilities of data visualizations.
- Optimized the performance of Tableau Dashboards.
- Built Stored Procedures, triggers, cursors, tables, views, and various SQL joins and statements to

support applications.

- Developed and maintained SQL Indexes, Views, Complex Stored Procedures, triggers, and User-defined functions to enhance database functionality.
- Executed ETL processes to extract, transform, and load data into staging areas and data warehouses, optimizing data management workflows.
- Designed and executed PL/SQL procedures, packages, functions, and triggers for optimized data handling, boosting project efficiency, and data accuracy.
- Streamlined database performance with expert query optimization and tuning using SQL Trace, TKPROF Explain Plan Indexing, Hints, Bulk Binds, and Bulk Collect.
- Crafted complex SQL queries for insightful data analysis, aiding in data-driven decision-making.
- Formulated Tableau desktop installation/configuration procedures, streamlining setup.
- Created Tableau reports, analyzing business requirements for data insights.
- Designed Supply Chain models, integrating multi-source data for enhanced analysis.
- Interacted with users, capturing requirements for continuous enhancement.
- Spearheaded the analysis of sales, inventory, and customer data to identify trends and opportunities, leading to a 10% increase in sales efficiency and customer satisfaction.
- Developed and maintained ETL processes for data integration from various sources into a centralized data warehouse, ensuring data accuracy and availability for reporting.
- Implemented real-time data monitoring dashboards using PowerBI, enabling quick decision-making and issue resolution related to inventory management and sales forecasting.
- Conducted advanced analytics to forecast sales trends and inventory needs, significantly reducing overstock and stockouts by 15%.
- Collaborated with cross-functional teams to understand data needs, ensuring the delivery of timely and relevant data insights for strategic planning.
- Automated data cleansing and validation processes, improving data quality and reducing manual data processing time by 20%.
- Utilized Python and SQL for data manipulation and analysis, creating custom reports and insights for the retail management team.
- Led troubleshooting efforts to identify and resolve data integrity issues, enhancing the reliability of business reports.
- Participated in agile development cycles, contributing to the continuous improvement of data analytics processes and tools.
- Analysis of the impact on DataStage and reports to ensure the smooth flow of online SKUs through the retail business as well.

Big Data Solution Development: Developed Big Data solutions focusing on pattern matching and predictive modeling, enhancing data analysis accuracy by 30%.

Security Implementation: Implemented security measures for Web Applications using Azure, resulting in a 100% compliance rate with industry security standards.

Hadoop Cluster Analysis: Analyzed Hadoop clusters and utilized big data analytic tools like Pig, HBase, and Sqoop, improving data processing efficiency by 25%.

Automated DDL and DML script generation using Python, reducing the time required for database management tasks by 50% and enhancing data quality for QA testing processes.

Enhanced load forecasting accuracy by 30% through advanced regression modeling and variable testing, enabling more precise business planning and resource allocation.

Designed and implemented advanced Talent ETL jobs, achieving a 25% reduction in data migration time and a 20% improvement in data quality by utilizing complex mappings and custom components. Integrated Oracle stored procedures and Java within Talent jobs, enabling dynamic data processing that supported a 15% increase in overall data workflow efficiency.

Executed a successful proof of concept for deploying applications in AWS, demonstrating a potential 30% cost reduction and 25% increase in scalability for future data operations, influencing the strategic direction of cloud services adoption.

It created SAS/Excel ad-hoc reports that identified crucial business trends, directly supporting strategic decisions that led to a 10% increase in operational efficiency and a 5% growth in revenue for the Priceless management team.

Designed and implemented advanced Talent ETL jobs, achieving a 25% reduction in data migration time and a 20% improvement in data quality by utilizing complex mappings and custom components. Implemented cloud-based data solutions using Azure SQL server, improving scalability and reducing infrastructure costs.

Simplified Access to Reporting Data Mart: Created Stored Processes, enhancing user accessibility to the Reporting Data Mart via SAS Enterprise Guide, which boosted report generation speed by 20% and user satisfaction by 35%.

Optimized Data Mappings: Managed and optimized data mappings from various client data sources to the SAS Analytical Data Mart, improving ETL efficiency by 15% and data accuracy by 20%, establishing myself as a subject-matter expert in SAS Data Integration Studio.

Enhanced ETL Processes: Designed and executed advanced ETL processes into SAS datasets, creating efficient data structures for analytics that led to a 10% faster data loading time and a 5% increase in the reliability of financial reports.

Integrated Salesforce API with Oracle: Seamlessly integrated Salesforce API with Oracle database tables using Informatica Intelligent Cloud Services, which facilitated a 20% improvement in data synchronization and a 15% increase in process automation.

Improved Data Exchange ETL Jobs: Developed complex ETL jobs for data exchange, enhancing data transfer efficiency by 30% and reducing errors by 40% across Database Servers and various systems including XML, CSV, and Flat files

ETL Process Optimization: Streamlined ETL processes for SAS datasets, reducing data loading times by 15% and improving report generation efficiency.

Data Structure Development: Enhanced data manipulation and application development, leading to a 20% improvement in data processing speed.

DI Studio Workflow Implementation: Implemented DI Studio job flows, improving data loading efficiency into SAS by 25%.

Data Mart Design and Development: Led the design and development of data marts using SAS Data Integration Studio, enhancing data accessibility for analytics by 30%.

Forecasting with SAS Forecast Studio: Generated and promoted demand planning forecasts, improving forecast accuracy by 20%.

Database Management: Implemented MySQL backup, recovery strategies, and synchronization, reducing data loss risk by 100% and enhancing data availability.

Scripting and Data Warehousing: Created and maintained PHP scripts and MySQL programming for the data warehouse, leading to a 10% reduction in report generation time.

Introduced custom error handling and logging in Talent jobs, which resulted in a 90% decrease in unhandled errors and a 30% reduction in troubleshooting time, ensuring higher data processing reliability and system stability.

Enhanced Testing and QA Processes: Created stored procedures to automate the testing process, which cut down QA timelines by 25% and improved data comparison accuracy on tables by 30%.

Advanced Production Environment Support: Played a pivotal role in advancing CI/CD, DevOps, and Development practices, contributing to a 20% enhancement in IT service maturity and a 15% improvement in deployment efficiency.

Deployed Serverless Data Pipelines: Developed and deployed AWS Lambda functions for serverless data pipelines, leading to a 25% reduction in operational costs and a 30% increase in data processing scalability.

Implemented CI/CD for Apache Airflow: Streamlined Apache Airflow

deployments by implementing CI/CD processes, resulting in a 40% improvement in workflow deployment speed and a 25% reduction in deployment-related errors.

Data Warehousing Solutions Development: Engineered data warehousing solutions that improved data ingestion and processing from internal/external sources by 30%, significantly enhancing analytical capabilities.

Optimized Big Data Ecosystem Implementations: Led the implementation of Big Data ecosystems, achieving a 20% increase in data processing efficiency and a 15% improvement in query response times.

Big Data Solution Development: Developed Big Data solutions focusing on pattern matching and predictive modeling, enhancing data analysis accuracy by 30%.

Security Implementation: Implemented security measures for Web Applications using Azure, resulting in a 100% compliance rate with industry security standards.

Hadoop Cluster Analysis: Analyzed Hadoop clusters and utilized big data analytic tools like Pig, HBase, and Sqoop, improving data processing efficiency by 25%.

Deployed and Automated SAS DI Jobs: Successfully automated the scheduling of SAS Data Integration (DI) jobs, increasing deployment efficiency by 25% and reducing manual intervention by 30%, leading to more reliable data processing workflows.

Simplified Access to Reporting Data Mart: Created Stored Processes, enhancing user accessibility to the Reporting Data Mart via SAS Enterprise Guide, which boosted report generation speed by 20% and user satisfaction by 35%.

Optimized Data Mappings: Managed and optimized data mappings from various client data sources to the SAS Analytical Data Mart, improving ETL efficiency by 15% and data accuracy by 20%, establishing myself as a subject-matter expert in SAS Data Integration Studio.

Enhanced ETL Processes: Designed and executed advanced ETL processes into SAS datasets, creating efficient data structures for analytics that led to a 10% faster data loading time and a 5% increase in the reliability of financial reports.

Integrated Salesforce API with Oracle: Seamlessly integrated Salesforce API with Oracle database tables using Informatica Intelligent Cloud Services, which facilitated a 20% improvement in data synchronization and a 15% increase in process automation.

Improved Data Exchange ETL Jobs: Developed complex ETL jobs for data exchange, enhancing data transfer efficiency by 30% and reducing errors by 40% across Database Servers and various systems including XML, CSV, and Flat files

ETL Process Optimization: Streamlined ETL processes for SAS datasets, reducing data loading times by 15% and improving report generation efficiency.

Data Structure Development: Enhanced data manipulation and application development, leading to a 20% improvement in data processing speed.

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Streamlined Data Validation Processes: Developed Python programs for data validation, resulting in a 25% improvement in data accuracy between raw source files and BigQuery tables and a 20% reduction in validation time.

Led the development of ETL processes for a variety of data sources, including flat files and Excel spreadsheets, into SQL Databases, improving data integrity and usability.

Collaborated with the Business Intelligence team to ensure the accurate and efficient transformation of data, facilitating insightful analytics and reporting.

Revolutionized the monthly release process by automating SAS eg processes for sandbox management, leading to a 50% reduction in manual effort and a 20% increase in process efficiency, significantly accelerating project timelines and deliverables.

Developed and optimized database objects, tables, stored procedures, and views to support complex data storage needs, achieving significant improvements in data retrieval times.

Conducted requirements analysis and developed process flows for new data ingestion and transformation projects, enhancing data quality and availability.

Big Data Solution Development: Developed Big Data solutions focusing on pattern matching and predictive modeling, enhancing data analysis accuracy by 30%.

Security Implementation: Implemented security measures for Web Applications using Azure, resulting in a 100% compliance rate with industry security standards.

Hadoop Cluster Analysis: Analyzed Hadoop clusters and utilized big data analytic tools like Pig, HBase, and Sqoop, improving data processing efficiency by 25%.

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Spark Application Development: Wrote Spark applications using Scala for data cleansing and transformation, enhancing data quality and availability by 30%.

Azure Data Migration: Led Azure-based data migration projects, achieving seamless data integration with Bitbucket repositories and reducing migration times by 20%.

Database Scripting and Cleansing: Developed Oracle PL/SQL and Shell Scripts for data import/export and cleansing, reducing data inconsistencies by 30%.

Hive and HBase Integration: Utilized Hive for HBase data analysis, enabling more detailed reporting metrics and improving the dashboard reporting efficiency by 25%.

Kafka Implementation: Implemented Kafka consumers for data ingestion into HDFS, enhancing data availability and processing speed by 20%.

ETL Architecture Design: Designed ETL architecture for OLTP to OLAP data transfer, resulting in a 15% improvement in the data warehouse performance.

Tableau Dashboard Development: Created Tableau dashboards with advanced filters and parameters, improving data visualization and decision-making processes by 30%.

- Optimized database performance by developing and refining stored procedures and queries, leading to faster data retrieval and analysis.
 - Spearheaded the deployment of Power BI Gateways organization-wide, facilitating real-time dashboard updates and improving decision-making processes.
 - Managed Power BI resources, improving user experience via strategic allocation.
 - Introduced Deployment Pipelines for effective report control in Power BI, guaranteeing precise insights.
 - Boosted analytics by combining MongoDB, Hadoop, Spark, Snowflake, and GCP for a scalable data environment.
- Initiated and managed data analysis projects, involving the collection, cleansing, and interpretation of data from diverse sources, resulting in a 20% enhancement in patient care efficiency.

- Developed predictive models using Python to forecast patient admission rates, achieving a 95% accuracy rate and enabling better staff allocation.
- Designed and implemented interactive dashboards in Power BI, providing real-time insights into patient care metrics, and significantly improving decision-making processes.
- Automated routine reporting tasks using SQL and Python scripts, reducing report generation time by 48% and allowing the team to focus on strategic analysis.
- Engaged in developing HIPAA (Health Insurance Portability and Accountability Act) transactions and code sets standards based on test scenarios, including 837 healthcare claim transactions.
- Collaborated with cross-functional teams to understand data requirements and deliver comprehensive analytics solutions, enhancing operational workflows.
- Investigated the current client procedures and led teams to comply with HIPAA standards for the systems across all EDI transaction sets. Collected needs, designed the data warehouse and the transactional database beneath, and conducted a Gap analysis to pinpoint and confirm the requirements.
- Conducted thorough data quality assessments, identifying and rectifying inconsistencies in external data sources, ensuring 99% data accuracy in reports.
- Led the migration of data warehousing solutions to AWS Redshift, facilitating scalable analytics and reducing infrastructure costs by 34%.
- Facilitated knowledge-sharing sessions on data analytics tools and best practices, elevating the analytical skills of the team
- Executed intricate ad hoc SQL queries as requested by the Business Analyst (BA) in both SSMS and Teradata SQL Assistant.
- Translated business needs into optimized SQL solutions, improving data processing workflows by 25%.

Developed and maintained dashboards integrating Data Extracts and Live connections from diverse sources, focusing on key performance indicators (KPIs), year-to-date (YTD), year-over-year (YOY) metrics, seasonality, revenue contribution, occupancy rates, price comparisons, length of stay, forecasting, and revenue management.

- Innovated visualization techniques, including the use of geolocation data, to meet unique business requirements under management direction.
- Explored advanced Tableau functionalities for query enhancements, ad-hoc pricing analyses, and business intelligence (BI) related to space management.
- Implemented incremental loading to manage record deletions, insertions, and updates, and highlighted modifications by automating report scheduling on Tableau Server.
- Actively participated in the full lifecycle of Tableau projects, receiving guidance from management to improve and automate analytic processes, linking databases efficiently.
- Crafted training materials for both established and newly optimized dashboards, ensuring users could leverage the full capabilities of data visualizations.
- Optimized the performance of Tableau Dashboards.
- Built Stored Procedures, triggers, cursors, tables, views, and various SQL joins and statements to support applications.
- Developed and maintained SQL Indexes, Views, Complex Stored Procedures, triggers, and User-defined functions to enhance database functionality.
- Executed ETL processes to extract, transform, and load data into staging areas and data warehouses, optimizing data management workflows.
- Designed and executed PL/SQL procedures, packages, functions, and triggers for optimized data handling, boosting project efficiency and data accuracy.
- Streamlined database performance with expert query optimization and tuning using SQL Trace, TKPROF, Explain Plan, Indexing, Hints, Bulk Binds, and Bulk Collect.
- Crafted complex SQL queries for insightful data analysis, aiding in data-driven decision-making.

Education:

The City University of New York
Bachelor of Technology (B.Tech)
Computer Systems Technology

Certification:

Telling Stories with Data