

Rajasreena P

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DWBI ANALYST & CONSULTANT

A dynamic and driven professional with a proven track record in thriving within fast-paced work environments. Excelled in collaborative team settings, showcasing strong interpersonal skills and a commitment to collective success. Known for learning new tools and technologies, demonstrating a rapid learning capability to enhance workflow efficiency and effectiveness.

TECHNICAL SKILLS

- SQL Databases: Oracle, Microsoft SQL server
- Data Warehousing
- Data Modeling: Erwin, LUCID Chart
- ETL Tools: Microsoft SSIS, IBM Infosphere Datastage
- Reporting Tools: Power BI, Tableau
- Python Programming
- Machine Learning
- Time Series
- Deep Learning
- IBM Cloud PAK For Data
- Linux Programming

PROFESSIONAL EXPERIENCE

Data Power Technologies PVT LTD

Junior DWBI Analyst & Consultant

May 2022 - Present

- Successfully automated the extraction, transformation, and loading (ETL) process of CSV files containing detailed airline data using Microsoft SSIS (SQL Server Integration Services) in conjunction with Microsoft SQL Server. This solution streamlined data handling from diverse sources, ensuring seamless integration into our database infrastructure. This initiative significantly enhanced operational efficiency and data accuracy while adhering to best practices in data management and automation within our organization's IT framework.
- Developed a focused Power BI report for clinical trials analysis, featuring customized visualizations for patient demographics, treatment efficacy, adverse events, and trial progress. This initiative demonstrated my proficiency in data visualization and strategic analysis, enhancing decision-making in clinical research.
- Designed a robust data model for a university marketplace platform using Lucidchart. This included mapping user profiles, product listings, transactions, and administrative features with clarity and scalability. My expertise in data modeling ensured efficient platform development and seamless integration of essential functionalities tailored for university-specific marketplace requirements.
- Optimized cube structures in SQL Server Analysis Services (SSAS) to enhance data analysis and reporting. This included improving data aggregation and query performance, leveraging SSAS features for streamlined data modeling and design. My efforts enabled enhanced business insights and decision-making capabilities through optimized data handling and reporting functionalities..
- Maintained and enhanced a data warehouse using SQL Server Integration Services (SSIS) to ensure streamlined data processing and integration. This involved optimizing data flows and transformations, improving efficiency in data extraction, loading, and transformation processes. My expertise in SSIS enabled me to enhance data warehouse performance, ensuring reliable and timely data delivery for informed decision-making and business operations.
- Implemented a standardized parameter naming convention and designed ETL (Extract, Transform, Load) procedures aligned with client-specific business rules and requirements. This initiative involved ensuring consistency in parameter naming across all data processes and developing ETL workflows that adhered precisely to client specifications. My approach facilitated efficient data management and alignment with business objectives, enhancing operational effectiveness and data integrity.
- Led the development and implementation of a fuel consumption analysis project for an aviation company using Power BI. This included designing and implementing advanced calculated columns and DAX formulas to derive actionable insights aimed at reducing aircraft fuel wastage. My role involved leveraging Power BI's capabilities to analyze and visualize complex data effectively, enabling informed decision-making and operational efficiencies in fuel management strategies.

- Provided mentorship to new team members, offering guidance and support to facilitate their integration and accelerate their learning curve. My role included fostering a collaborative environment and sharing expertise to help team members adapt quickly and contribute effectively to our projects. This initiative contributed to a cohesive team dynamic and enhanced overall productivity.

Data Power Technologies PVT LTD

Data Analyst Trainee

November 2021 - May 2022

- Studied Oracle 11G and Microsoft SQL Server for database management and data modeling. Acquired hands-on experience with Microsoft SSIS and IBM InfoSphere DataStage 11.7 for ETL (Extract, Transform, Load) processes.
- Developed a strong proficiency in both Power BI and Tableau for advanced data visualization and analytics. This expertise allows me to effectively translate raw data into actionable insights that drive informed decision-making and strategic planning within organizations. Through hands-on experience and continuous learning, I have honed my ability to create compelling visualizations and dashboards that enhance data-driven initiatives and facilitate a deeper understanding of complex datasets.
- created and implemented a comprehensive sales database using Microsoft SQL Server as part of a project focused on enhancing sales monitoring and reporting capabilities. This initiative involved designing and deploying a robust database structure to store sales data efficiently. By leveraging SQL Server's features, I ensured accurate data management and seamless integration with reporting tools, enabling real-time insights and informed decision-making to support sales strategies and objectives.
 1. Collaborating with sales and management stakeholders to gather requirements for data and reporting needs.
 2. Developing an entity relationship diagram (ERD) to model key entities and relationships.
 3. Normalizing the database schema to ensure data integrity.
 4. Created the SQL Server database schema, including tables, indexes, constraints, and relationships.
 5. Wrote SQL scripts to populate the database with sample data for testing.
 6. Implemented security measures by defining user roles and permissions for data access and manipulation.

EDUCATION & CERTIFICATIONS

B. Tech in Civil Engineering - 2021

Government College of Engineering Kannur

UDEMY

Machine Learning A-Z: AI, Python & R

COGNITIVE CLASS CERTIFICATES

IBM Cloud Essentials

Introduction to IBM Cloud

Introduction to Containers, Kubernetes and OpenShift V2

SOFT SKILLS

- Report Writing and Presenting
- Team Player
- Time Management
- Adaptability
- Attention to detail