**Poojitha**

**Sr. Data Analyst**

**+1 (469) 751-7020**

**pooji0818@gmail.com**

**PROFESSIONAL SUMMARY:**

* Experienced Data Analyst with 9+ years of experience in the analysis, design and development of Data warehouse and Business Intelligence applications, testing process, requirements gathering and expectation management.
* Proficient at translating strategic IT user requirements into specific database capabilities.
* Strong experience in Business and Data Analysis, Data Profiling, Data Migration, Data Conversion, Data Quality, Data Integration and Metadata Management Services and Configuration Management.
* Implement real-time data streaming solutions using AWS Kinesis or Kafka to process and analyze streaming data from various sources.
* Ability to document the procedures, and ability to write specifications for data models to be developed.
* Highly analytical and process - oriented data analystwith in-depth knowledge of database types; research methodologies; manipulation and visualization of data.
* Excellent SQL & PL/SQL skills with both DML, DDL commands and demonstrated ability to write complex queries for purpose of analysing data and/or evaluating how information needs might be translated into back-end database.
* Experience in Creating Views, Stores Procedures, DDL/DML Triggers and User-Defined Functions to implement Business Logic and Data Protection.
* Experience working with various relational database management systems such as MS SQL Server, Oracle, Teradata, DB2, MS Access.
* Experience in creating KPI dashboards on Excel, tableau as well as Cognos reports.
* Have performed several roles and have been part of full SDLC of several Development Projects.
* Quickly learn and effectively utilize third party or proprietary tools to reduce the product delivery time.
* Strong experience in interacting with stakeholders/customers, gathering requirements through interviews, existing system documentation or procedures, defining business processes using appropriate templates and analysis tools.
* Expert in Data Integrity constraints, Performance Tuning, Query Optimization and Validation issues.
* Good understanding of SQL Server and Oracle Architecture in terms of ETL and query processing, structure and performance and table partitions.
* Involved in testing complex COGNOS, Micro strategy and Tableau reports, supporting the Testing Team, writing Test cases and creating Test Data.
* Experience in writing requirements for ETL Data warehousing, database profiling.
* Strong knowledge in Data Warehousing concepts, Teradata utilities (BTEQ, FASTLOAD, FASTEXPORT, MULTILOAD, SQL Assistant), Data Modeling and Oracle E-Business Suite 11.5(Oracle Applications).
* Efficient in VBA for MS Excel for planning/status reporting and creating test data.
* Solid understanding of master data management (MDM).

**TECHNICAL ACUMEN:**

**Operating Systems:**Microsoft Windows 2000/NT/7/XP, UNIX and LINUX

**Databases:**ORACLE, MS SQL Server, DB2, Teradata.

**ETL & reporting Tools:**ETL Informatica, AbInitio, Data Stage, SSIS, OBIEE, Crystal Reports, Microsoft SSRS, Business Objects, Cognos, Tableau.

**Languages:**SQL, PL/SQL, T-SQL, VBScript, MS SQL.

**Tools:** & technologies: MDM, XML/HTML/, QMF, MS Office (Word, Access, Excel, PowerPoint, Project, Visio), Macros using VBA, Erwin, Visio, Share point, SQL Developer, OCTOPUS, GIT, Team City.

**Quality Management:**Jira, HP QC/ALM.

**PROFESSIONAL EXPERIENCE:**

**CapitalOne – Remote (Apr 2021 – Present)**

**Sr. Data Analyst/Data Mapping developer**

**Responsibilities:**

* Develop artifacts that are consumed by the data engineering team such as source to target mappings, data quality rules, and data transformation rules, Joins etc. for the various EIM projects.
* Create interactive dashboards and visualizations using AWS QuickSight to communicate key insights to stakeholders.
* Customize visualizations based on business requirements and user feedback to facilitate data-driven decision-making processes.
* Collaborate with business users to define key performance indicators (KPIs) and design reports that provide actionable insights.
* Optimize data processing workflows and queries to improve performance and reduce processing times using AWS services like Redshift or Athena.
* Monitor system performance and resource utilization using AWS CloudWatch and other monitoring tools to ensure scalability and reliability.
* Implement best practices for data partitioning, indexing, and caching to optimize query performance in distributed environments.
* Involved in designing, developing and testing of various artifacts and support entire Migration process from different databases of transactional system into ODS, which then is loaded into data ware house.
* Develop complex SQL Scripts for SSRS Reports and SSAS Cubes that will eventually be re-developed in Micro Strategy tool and used by Business.
* Closely collaborate with end users in finalizing dashboard layouts and achieving desired look-and-feel of reports.
* Gather requirements from business and other stack holders and develop requirements documents as per the information and format required/ preferred by Micro Strategy developer to consume it.
* Architecting the Micro Strategy Projects which involved in creating the Attributes, Facts and Hierarchies
* Apply data visualization best practices to create visually appealing and informative charts, graphs, and maps in Power BI reports.
* Use features like drill-down, drill-through, slicers, and bookmarks to enhance interactivity and user engagement in Power BI dashboards.
* Share and collaborate on Power BI reports and dashboards with stakeholders using Power BI Service, including sharing to specific users, groups, or organizations.
* Embed Power BI reports and dashboards into external applications, websites, and portals for broader distribution and accessibility.
* Provide training and support to business users and stakeholders on how to use Power BI reports and dashboards effectively.
* Develop specifications for data integration & movement that includes performing data profiling, data analysis, identify data related issues and provide a suggested resolution, create source/target mappings and transformation, load and data cleansing rules.
* Developed and maintained data dictionary to create metadata reports for technical and business purpose.
* Support development troubleshooting of data defects with transactional or data warehouse system.
* Investigate an issue, review the results, and provide a suggested solution to the problem.
* Being champion in data quality. Investigate data quality issues and develop improvement plans.
* Maintain metadata and support the firm’s metadata platform.
* Developing macros, lookup functions, pivot tables, etc. using excel functionality to reduce the time spent doing routing documentation work.
* Effectively communicate and work very closely with a variety of partners including the data architects, the data engineering team, the application development team, the QA team, and business users.
* Actively participate in various phases of a project and complete duties as assigned by manager.
* Feasibility analysis based on the requirements gathered.
* Design and implement reporting solution architecture & analytic solutions.
* Involved in design/development life cycle including gathering requirements, user interaction and report design and development for Legacy Charter, Interim Reporting & New Charter projects.

**Environment:** SQL Server, Oracle 12C, JIRA, SQL, PL-SQL, Erwin, Micro Strategy, Share point, MS Excel, MS Word, MS Visio, MS Outlook, SQL Server Management Studios, SQL Server Analytical studio, Windows 7.

**Molina Health Care – Long Beach, CA (Dec 2018 – Mar 2021)**

**Sr. Data Analyst/ Report Developer**

**Responsibilities:**

* Analysed the existing application’s information by understanding the data transition between systems.
* Extensively working on various data sources DB2, Oracle, XML/Flat files, Excel spreadsheets, transformed and mapped non-standard data to standard codes for data integrity and loaded the target Oracle warehouse database.
* Establish data governance policies and procedures to ensure compliance with regulatory requirements such as GDPR, HIPAA, or industry-specific regulations.
* Implement data quality checks and validation processes to maintain the accuracy and reliability of data stored in AWS services.
* Collaborate with compliance and security teams to conduct audits and assessments of data storage and processing systems on AWS.
* Work closely with cross-functional teams including data engineers, data scientists, and business analysts to understand data requirements and deliver solutions.
* Share expertise and best practices with team members through training sessions, workshops, and documentation to foster a culture of continuous learning and improvement.
* Stay updated on emerging technologies and trends in data analytics and AWS services, and evaluate their potential impact on existing systems and processes.
* Developed Stored Procedures/ ETL processes on Oracle as needed to Extract, Transform and Load the data from multiple source systems to the data warehouse.
* Rewrite all the reports based on Legacy process by creating packages and PL/SQL stored procedures based on requirements from business.
* Optimize report performance in Power BI by optimizing data models, reducing data refresh times, and improving query performance.
* Monitor report performance and usage metrics using Power BI Service to identify bottlenecks and optimize resource allocation.
* Implement governance and security policies in Power BI to control access to sensitive data and ensure compliance with regulatory requirements.
* Manage user roles, permissions, and data-level security settings in Power BI Service to restrict access to authorized users and groups.
* Involved in extensive DATA validation by writing several complex SQL and PLSQL scripts and Involved in back-end testing and worked with data quality issues.
* Working as lead involves interaction with the business users to break down business requirements into technical/ ETL specifications and apply those rules during development.
* Performed smoke test in Production post migration on the critical data elements due to time restrictions.
* Lead the effort in converting the logical design to physical design, Data Mart Design by enforcing naming standards, referential integrity across multiple subject areas.
* Based on the technical specification documents, designed logical/ physical data models in Oracle Data Modeler tool to support the warehouse and the data marts.
* Involved in analysing the bugs, performance of PL/SQL Queries and provided solutions to improve the same.
* Pre-Migration testing and validation of all data elements been converted.
* Conducted JAD sessions with technical and business stakeholders to determine data and interoperability requirements and also to come up with the best solutions for design and implement the BI Reports using Tableau.
* Written SQL scripts to test the mappings and Developed Traceability Matrix of Business Requirements mapped to Test Scripts to ensure any Change Control in requirements leads to test case update.
* Created visually impactful dashboards in Excel and Tableau for data reporting by using pivot tables and VLOOKUP.
* Work with users to identify the most appropriate source of record and profile the data required for reporting.
* Created a CR request and got approval from change control board to change the particular process in production system which was creating duplicated records in legacy database.
* Analysed the historical documentation, supporting documentation, screen prints, e-mail conversations, presented business and wrote the business requirements document and got it electronically signed off from the stake holder.
* Assisted IT-OPS to execute the PL/SQL packages in sequential manner based on dependency to disseminate the data to web users for Flexible Querying.
* Developed script in PLSQL to perform end to end testing of the migration for each table being migrated.

**Environment:** Oracle 11g, Oracle 12C, SQL, PL-SQL, Erwin, Tableau, Share point, JIRA, MS Excel, MS Word, MS Visio, MS Outlook, SQL Developer, DB2, OCTOPUS, GIT, Team City, JIRA.

**FHLB – Dallas, TX (May 2016 – Nov 2018)**

**Data Analyst**

**Responsibilities:**

* Analysed raw data, draw conclusions & develop recommendations writing SQL scripts to manipulate data for data loads and extracts.
* Participate in defect review meetings with the team members. Work closely with the project manager to record, track, prioritize and close bugs.
* Create documentation, tutorials, and user guides to help users understand and navigate Power BI features and functionality.
* Stay updated on the latest features and updates in Power BI by participating in training, webinars, and community forums.
* Continuously seek opportunities to improve and enhance existing Power BI reports and dashboards based on user feedback and evolving business needs.
* Create all data issue design documents thoroughly and with sufficient logic update;
* Involve with Business Unit SME’s, Process Owners, and other groups to get related business rules and information on data in the development of specifications for data clean up;
* Involve in formulating strategies to manage the data part of the project. Beginning with data checking, data cleaning and working with developers and the business users efficiently to provide quality deliverables.
* Execute Data quality checks in the form of SQL queries to ensure data integrity and enforce business rules.
* Extensively involve with Data cleansing, formatting of the data to correct the mismatch in Staging area.
* Perform User Acceptance Testing (UAT) or both Data and Functionality Issues.
* Identify and address recurring/ root cause issues that can affect Data Integrity.
* Analysing the huge data from legacy system (Mainframe) to new system (SQL) for migration and identified the gaps.
* Gathering the actual requirement from the business and coordinating with business stake holders regarding the table structure.
* Gathered business requirements pertaining to Loans, Members, s, salary and converted the same into functional requirements and business requirement document.
* Designed and implemented complex SQL queries for QA testing and report/ data validation. Detected defects, reported issues and results to dev and PP team using Issue Tracking tool ITS.
* Involved in scrum process like Grooming, Meeting and reviews for sprint estimates.
* Coordinating with the BA and DEV teams to fix the gaps between businesses, development and implementation phases of the project.
* Perform requirement analysis and document deliverables based on the version control within internal storage.
* Data Migration testing using SQL and checking source and target data integrity.
* Developed daily and weekly status reports.
* Worked on issues with migration of data from development to QA environment. Arranged and attended team meetings with off shore team to meet the project deadlines.
* Performed Data Profiling and extensive data validation.
* Applied data cleansing/data scrubbing techniques to ensure consistency amongst data sets. Independently perform complex troubleshooting, root-cause analysis and solution development.
* Worked with Data Warehouse developers to evaluate impact on current implementation, redesign of all ETL logic.
* Created Source to target Data mapping document of input /output attributes with the proper transformations which would help for the easy development of SSIS bridge.

**Environment:** SQL server 2012, SSIS (SQL server integration services), SSRS (SQL server reporting services), X-Analysis for Eclipse, SQL server Management studio, MS Excel, SQL, Erwin, Share point, Trillium, MS Access.

**Tech Mahindra – India (Jul 2014 – Jan 2016)**

**Data Analyst**

**Responsibilities:**

* Was responsible for analysing raw data, drawing conclusions & developing recommendations writing T-SQL scripts to manipulate data for data loads and extracts.
* Played an active and lead role in facilitating (JAD) Joint Application Development sessions to identify business rules and requirements and then document them in a format that can be reviewed and understood by both business and technical people.
* Documented the Requirement traceability matrix (RTM) and created Flow Diagrams using MS Visio.
* Participated in defect review meetings with the team members. Worked closely with the project manager to record, track, prioritize and close bugs.
* Gathered business requirements pertaining to trading, equities and fixed incomes like bonds, converted the same into functional requirements and business requirement document.
* Analysed user requirements, attended change request meetings to document changes and implemented procedures to test changes.
* Involved in developing the test strategy and assisted in developed Test scenarios, test conditions and test cases.
* Designed ad hoc queries in SQL Server management studio based on request. Examined reports and presented findings in Excel. Facilitated file sharing and correspondence tracking with SharePoint.
* Executed Data quality checks in the form of SQL queries to ensure data integrity and enforce business rules.
* Analysed Business Requirements provided by the client and already existing mainframe application and is ensured that there are no missing links and no ambiguity in the requirements.
* Document all data mapping and transformation processes in the Functional Design documents based on the business requirements.
* Extensively involved with Data cleansing, formatting of the data to correct the mismatch in Staging area.
* Performed Data Profiling and extensive data validation to ensure report matches with existing mainframe Files.
* Extensively involved in Data Extraction, Transformation and Loading (ETL process) from XML to the staging area and from Staging to ODS using Informatica Power Centre.
* Worked on daily basis with lead Data Warehouse developers to evaluate impact on current implementation, redesign of all ETL logic. Worked extensively with the Erwin Model Mart for version control.
* Worked on daily basis with the main frame team to analyse the Cobol code and the process going in Mainframe application for each deliverable.
* Worked closely with QA team and developers to clarify/understand functionality, resolve issues and provided feedback to nail down the bugs.
* Assisted the database modelers in preparing the logical and physical data models and ascertained that requirements have been met and have worked on loading the tables in the Data Warehouse.
* Wrote SQLs using QMF to query the DB2 database on mainframe and SQL server using SQL server management studio to analyse the data.

**Environment:** SQL, QMF, SQL server, DB2, SQL server Management studio, MS Excel, MS Visio, JIRA, Erwin, Informatica Power centre, Windows 7, Microsoft Office.