**Gayathri Doli**

Power BI Developer / Data Analyst

Data Visualization | Data Modeling | Data Analysis | Statistical Analysis | DAX | Tableau | Microsoft Azure | SQL Server | SASS | Python | **gayathridoli808@gmail.com** **|** Phone: +1(860)-249-1555

**SKILL SET:**

* With 9+ years of comprehensive expertise in Analysis, database design, development, integration, and implementation of business reports.
* SQL server Architect with numerous years of experience working with financial, insurance and healthcare domain. Proven ability in working with enterprise level large data warehouses, RDBMS systems, and ETL and modeling tools/techniques.
* Passionate about data quality and consistency.
* Familiar with retail, wholesale, planning and allocation systems, or supply chain operations.
* Strong analytic skills, attention to detail, ability to multi - task, troubleshoot and problem solve along with the ability to make recommendations based on analysis.
* Excellent in data mining for fulfilling customer segmentation business requests and periodic report generation.
* Worked with different source systems like Teradata, Oracle 10g and Microsoft SQL Server.
* Excellent in writing highly complex and well-tuned SQL queries to fulfill ad-hoc and strategic data segmentation requests.
* Experience with Alteryx in data cleansing and building workflows.
* Experience in Data Analysis and ETL techniques for loading enormous amounts of data.
* Experience with DATA MINING.
* Extensive Tableau Experience in Enterprise Environment, in Tableau as a Developer and Analyst
* Possess a strong ability to adapt and learn new technologies and new business lines rapidly.
* Self-motivated individual with strong communication skills, great attention to detail and the ability to work under pressure.
* Self-managed, highly motivated and have a strong drive for results.
* Ability to exert influence, drive, and steer stakeholders in the right direction.
* Proven, demonstrated capability in gathering and documenting complex business and functional requirements.
* Ability to grasp concepts quickly and reduce them to practice with minimal supervision in a fast-paced environment.
* Ability to manage changing priorities and plan effectively to meet deadlines.
* Exceptional organizational and time management skills and the ability to work independently.
* Excellent team player with demonstrated experience of working diplomatically and collaboratively with all levels of staff to ensure successful implementation of assignments.
* Experience in data scrubbing and cleansing.
* Great understanding of SDLC methodologies such as Waterfall and Agile (specifically SCRUM).
* Possess strong computer and office administration skills with a vast knowledge of Windows and Microsoft Office Suite (Word, Excel, PowerPoint, Access, and Visio).

**COMPUTER SKILLS:**

* Operating Systems: Win XP, Vista, 7, Windows Server 2003, 2008(X32, X64), Unix
* Databases: MS SQL Server 2005/2008/2012, Teradata 12/13, MySQL 5.2, 5.7, Oracle 9i, 10g 11g, DB2, Google Big query
* ETL/Other Tools: Informatica Power Center 8.6.1/9, SAS Base 9.x, SAS Enterprise Guide, SSIS
* Test Tools: HP Quick Test Professional 10/11, HP Quality Center 10
* Querying Tools: SQL Management Studio 2008/2012, Teradata SQL Assistant, SQL Plus, SQL
* Data Analytic Tools: Python
* Business Intelligence Tools: Power BI, Tableau 9.1, 9.2, 9.3, 10.4, Looker, Cognos, Excel, and PowerPivot, SSRS

**WORK EXPERIENCE**

**Kaiser Permanent, Pleasanton, CA. Nov 2023 to Present**

Role: Senior BI Developer

Responsibilities:

* Design, develop, and implement high-quality PowerBI reports, scorecards and dashboards tailored to the needs of the manufacturing team.
* Collaborate with business analysts and stakeholders to understand reporting requirements and translate them into effective visualizations and reports.
* Work within the SAP S/4HANA environment, specifically focusing on supply chain modules, to extract and transform data for reporting purposes.
* Collaborate with the SAP team to ensure seamless integration of PowerBI reports with SAP S/4HANA.
* Manage Premium Capacity in Power BI service to share apps with business users and set up scheduled data refresh to ensure report accuracy.
* Designed Power BI data visualizations, incorporating cross tabs, maps, scatter plots, pie charts, bar charts, and density charts.
* Integrated Custom Visuals as per business requirements using Power BI desktop.
* Constructed custom calculated measures using DAX in Power BI to meet business demands.
* Write complex SQL queries to extract and manipulate data from various databases to be used in PowerBI reports.
* Optimize and tune SQL queries to ensure efficient data retrieval and processing.
* Design and implement data models to support reporting requirements, ensuring data accuracy and consistency.
* Perform data analysis to identify trends, patterns, and insights that can drive business decisions.
* Create comprehensive documentation for developed reports, data models, and processes.
* Provide training and support to end-users to ensure effective utilization of PowerBI reports.
* Collaborate effectively with cross-functional teams, including IT, business analysts, and stakeholders, to gather requirements and deliver solutions.
* Communicate project status, issues, and recommendations to management and stakeholders in a clear and concise manner.
* Utilize supply chain knowledge within SAP S/4HANA to inform reporting and data transformation efforts.
* Ensure data integration and consistency between PowerBI and SAP S/4HANA systems.
* Monitor and maintain PowerBI reports to ensure they continue to meet business needs and performance standards.

**Environment:** Power BI Desktop and Power BI Service, DAX, SQL Database, SAP S/4HANA, SQL Profiler, ETL, Data Modeling.

**Bank of America Bank, CA. May 2021 - Sep 2023**

Role: BI Developer & Analyst

Responsibilities:

* Collaborate with business analysts and stakeholders to understand data requirements and create data visualizations.
* Develop and maintain Tableau reports and dashboards based on user requirements to support reporting needs.
* Maintained documentation for Tableau reports, dashboards, and data models.
* Provide technical support to end-users and troubleshoot any issues related to Tableau reports or dashboards.
* Installing and configuring Tableau Server or Tableau Online and configuring it according to the organization's needs.
* Setting up security policies, creating user accounts, assigning permissions, and ensuring that the user access is controlled and monitored. This may include managing Active Directory or other authentication and authorization mechanisms.
* Monitoring Tableau Server performance and troubleshooting issues like slow loading times, server crashes, or other performance issues. This may involve analyzing log files, reviewing system metrics, and optimizing server settings.
* Content Management and organizing content on the server, including workbooks, data sources, and other resources.
* Plan and Estimation for future growth and capacity requirements of the Tableau Server or Tableau Online Environment.
* Design and develop data pipelines to extract, transform, and load data into Snowflake.
* Develop and maintain Snowflake objects such as databases, tables, and views.
* Optimize Snowflake performance by conducting data validation, testing, and tuning.
* Collaborate with business analysts and stakeholders to understand data requirements and design data models.
* Implement security and access controls in Snowflake to ensure data privacy and compliance.
* Stay up to date with the latest Snowflake features and functionalities and suggest ways to leverage them to improve data warehousing capabilities. Developing and maintaining Snowflake data warehouse solutions using Python scripting.
* Write Python scripts to perform data transformation, data loading, and data analysis tasks.
* Building data integration solutions using Python and Snowflake to enable real-time data processing and analysis.
* Generated dashboards in Power BI Desktop and POWER BI Service using super-fast slice and dice and modern data visualization features.
* Designed and Developed ETL workflows for datasets in Snowflake.
* Worked in Developing and Extending SSAS Cubes, Building the Dimensions, Deploying, Processing SSAS objects, Cubes with Snowflake Schemas and Star Schema using SQL Server Analysis Services (SSAS).
* Handled Performance Tuning and Optimization on SSIS and MDX, with strong analytical and troubleshooting skills for quick issue resolution in large-scale production environments located globally.
* Connected to the AWS Redshift and Snowflake directly from Tableau to access cloud data warehouse and quickly perform visual analysis.

**Environment:** Tableau Desktop and Tableau Server/Tableau Online, Snowflake, Python (for ETL and data transformation), Power BI Desktop and Power BI Service, SSAS, SSIS, AWS Redshift, SQL, ETL.

**Liberty Mutual Insurance, USA Feb 2019 - March 2021**

Role: Power BI Developer

Responsibilities:

* Involved in understanding client requirements and preparing design documents.
* Developed and maintained end-to-end operations of ETL data pipelines and worked with large datasets in Azure Data Factory.
* Actively participated in daily scrum meetings, collaborating with the team to address project challenges and track development progress.
* Facilitated requirement gathering sessions with business users and IT teams to comprehend and articulate business processes and logic effectively.
* Proficiently configured and maintained Power BI Service (app.powerbi.com) for content sharing and managing Premium Capacity.
* Extracted data from diverse sources like SQL Server, Azure SQL Database and Salesforce to support reporting needs.
* Enhanced Power BI reports by incorporating storytelling features like bookmarks, drill-through filters, and selection panes for increased interactivity.
* Implemented Tableau for visualizations, creating diverse views including scatter plots, box plots, heat maps, etc., and generating complex reports using advanced functionalities.
* Developed interacting and storytelling dashboards in Tableau workbooks, leveraging dashboard actions for enhanced user experience.
* Leveraged DAX (Data Analysis Expression) extensively to create measures, calculated fields, and custom calculations for analyzing data in Power BI and Tabular Models.
* Managed Premium Capacity in Power BI service to share apps with business users and set up scheduled data refresh to ensure report accuracy.
* Created Power Pivot models and reports, published reports on SharePoint, deployed models into SQL Server SSAS instances, and administered workspaces on Power BI service for project collaboration.
* Architected, designed, and developed end-to-end business intelligence solutions based on the Microsoft Power BI platform.
* Defined and established BI framework models, semantic layers, and metadata repositories to facilitate efficient reporting and administration processes, fostering a cohesive data ecosystem.
* Developed, optimized, and maintained ETL process using tools like Microsoft SQL Server Integration Services or Power Query, ensuring seamless data integration and transformation from diverse sources.

**Environment:** Azure Data Factory, Power BI Desktop and Power BI, SQL, Azure SQL Database, Salesforce, Tableau Desktop, DAX, Power Pivot, SharePoint, SSAS, SQL, Power Query.

**H&R Block Inc, Sylmar, CA Nov 2016 - Dec 2018**

Role: Power BI Developer

Responsibilities:

* Proficient in Data Warehouse concepts, OLTP, OLAP, Star Schema, Snowflake Schema, Fact and Dimension tables.
* Proficient in creating joins for queries involving multiple tables.
* Proficient with T - SQL to create Tables, Views, and Stored Procedures.
* Proficient in Normalization and De-Normalization of existing tables for faster query retrieval.
* Strong knowledge inPowerBIon how to import, shape, and transform data for business intelligence (BI), Visualize data, author reports, schedule automated refresh of reports and create and share dashboards.
* Extensively used DAX functions like SUM, MIN, AVG, COUNTROWS, DISTINCTCOUNT, IF, OR, SWITCH, ISFILETERD, ISCROSSFILTERED, CALCULATE, CALULATETABLE, ALL, VALUES, SUMMARIZE, ADDCOLUMNS, ROW in Power BI and Tabular reports.
* Extensively used custom R-Visuals, Clustered Bar Charts, Clustered Column charts, Donut Charts,
* Hierarchy slicers, Waterfall charts, Scatter charts, Area charts, KPI s in power BI reports.
* Extensively involved in creating robust complex power BI models, writing complex DAX logic s involving rank, filters, and data massaging.
* Extensively used visual filters, page filters, report filters and drill through filters in power BI reports.
* Designed, developed, and deployed reports, sub-reports, drill down reports, and drill through reports and parameterized reports and adding new features to the reports in MS SQL Server environment using SSRS.
* Possess technical skills in defining Source and target metadata definitions for Source to Target mapping specification.
* Used Script component using C#.Net to perform row by row transformations in data flow tasks.
* Designed and developed SSIS packages to extract data from the transactional and/or operational databases, transformed the data according to analytical / reporting business needs, and loaded the data into a data warehouse or data mart.
* Worked with subject matter experts (SME's) and project team to identify, define, collate, document, and communicate the data migration requirements.

**Environment:** SQL Server 2014, Microsoft Visual Studio 2012, Windows 7, MS Office, Dax, SSIS, SSAS, SSRS, SharePoint, PowerPivot, Powerview, PowerBI, Python.

**MetLife, New York, NY April 2014 - March 2016**

Role: Data Analyst

Responsibilities:

* Develop SSIS packages for data migration, leveraging SQL, SQL Azure, Azure Data Factory, and PowerShell.
* Design and optimize T-SQL queries and stored procedures for Azure cloud applications, focusing on efficiency.
* Create SSAS tabular cubes and Star schema cubes for reporting and analytics purposes.
* Utilize Azure Data Lake, Azure Data Factory, SQL Data Warehouse, and Azure Storage Explorer for data management.
* Develop Power BI reports and embed them into SharePoint portals, managing user access and roles.
* Conduct performance tuning and optimization for Azure Synapse SQL Pools and Delta Lake environment.
* Integrate Python scripts with cloud platforms for data processing and analytics, including machine learning models.
* Document Delta Lake usage patterns, best practices, and migration strategies for knowledge sharing.
* Provide training and support on Delta Lake concepts, Power BI usage, and report creation to team members and business users.
* Develop custom visuals and templates in Power BI and optimize reports and dashboards for improved responsiveness.
* Implement row-level security and role-based access control in Power BI to enforce data security policies.