**SUSHMITHA**

**Tableau Consultant**

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**PROFESSIONAL SUMMARY:**

* Well Versed expert with skillful **management** and **technical** workexperience for**6+ years** in **Tableau server, tableau desktop**, **SQL serverBI tools,creating visuals, building dashboards, generating reports and customization to meet needs of end-user.**
* Extensive ability to design and display Graphic rich visualizations with **Filters, Drill Downs** and **Parameters**.
* Administered user, user groups, and scheduled instances for reports in **Tableau Server.**
* Experience in reviewing business requirements and analyzing data sources form **Excel/Oracle SQL Server for design, development, testing, and production** rollover of reporting and analysis projects within Tableau Desktop.
* End to end experience in Installation and configuration, designing and deploying data visualizations using Tableau.
* Created **side by side bars**, **Scatter Plots, Stacked Bars, Heat Maps, Filled Maps and Symbol Maps** according to requirements specifications and experience with **designing complex dashboards taking advantage of all tableau functions** mainly including **data blending, actions, etc.**
* Experience in creating reports and dashboards for senior management using large data sources like **Teradata, Oracle MYSQL.**
* Extensive experience in **troubleshooting, performance tuning** and supporting Business reporting platforms.
* Good functional knowledge of Sales Distribution Sales Orders, Deliveries, Billing MM Purchasing Inventory Management, FI and **general business process of SAP R/3.**
* Expertise in **SQL Server Integration Services (SSIS)**, **SQL Server Reporting Services (SSRS),** with good knowledge on **SQL Server Analysis Services (SSAS**).
* Good experience with **SQL Server and T-SQL in constructing tables, views, triggers, indexes, functions, stored procedures, user profiles, relational database models**, data dictionary, data.
* Business intelligence project work Expert with **SQL and PL/SQL** Experienced with SQL-Server databases
* Generated periodic reports based on the statistical analysis of the data from various time frame and division using **SQL Server Reporting Services (SSRS)**
* Experienced in data loads, database integration/conversions, performance tuning, and query optimization.
* Familiar with **entire software development life cycle (SDLC)**and various software development methodologies such as **Agile/Scrum and Waterfall Methodology**.
* Extensive experience in Data warehousing, Data Marts, Data Analysis, Reporting, ETL, Data Modeling, Development, Maintenance, Testing, Documentation and designing and handling **multi-dimensional data structures.**
* Excellent understanding of **Data modeling (Dimensional & Relational)** on concepts like **Star-schema, Snowflake schema** using fact and dimension tables and relational databases, SQL Server, Teradata, **MS Access, Business Requirements Gathering** and **Process Engineering, Evaluating Data Sources and Translating Requirements into Specifications.**
* Involved in elicitation process to acquire technical specifications from the client.
* Capable of forming and maintaining positive and productive working relationships in internal/external and team environments with **Excellent communication skills**, **strong team-building and conflict management skills.**
* Experience **training** end users through **online and in-class sessions**.

**TECHNICAL SKILLS:**

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| --- | --- |
| **Reporting Tools** | Tableau 9.3,9.2, 8.x,7, SQL Server Reporting Services (SSRS) 2008/2005/2012/2014, Microsoft Excel Reports, Crystal Reports, PowerBI, Data-Driven Documents |
| **Operating Systems** | Windows XP Professional, Windows 2003, Windows 7,MS Windows 9X, Windows 8, UNIX, Linux |
| **Databases** | MS SQL Server 2014/2012/2008 R2/2005, MS Access, Teradata, Oracle 9i , Hadoop, HIVE, HDFS |
| **Database Tools** | SQL Server Enterprise Manager, SQL Query Analyzer, SQL Profiler, SQL Alerts, Index Tuning Wizard, Import/ Export Wizard, SQL Server Management Studio, Index Analyzer, Business Intelligence Development Studio(BIDS), SQL Server Data Tools (SQL Server Integration Services (SSIS) and SQL Server Analysis Services (SSAS)) |
| **External Tools** | Quality Center, MS Visio, MS Office, IBM Lotus Notes 8.5.2, Microsoft Outlook |
| **IDE Tools** | Microsoft Visual Studio 2010/2008/2005 |

**Change Healthcare, Nashville, TN Oct 2016 – Jan 2018**

**Tableau Developer**

**WORK EXPERIENCE:**

**Description:**  Change Healthcare requires Tableau Developer for the Revenue Recognition project. Candidate must have experience with Tableau, as well as limited experience with Spotfire. As a Tableau developer, the candidate must participate in client facing while deliver reports and dashboards that outline revenue recognition details per contract basis, as well as profile revenue data across time and in relation to other Revenue.

**Responsibilities:**

* + - * Created interactive data visualizations and Business Intelligence, including cutting-edge software features and capabilities of **Tableau version 10.**
* Developed visualizations with **using Tableau desktop** and deploying those visualizations to **Tableau Server.**
* Closely involved in daily integration and **ETL tasks** by extracting, transforming and loading data to and from different **SQL Server databases**
* Worked closely with **ETL developer and Data Architect** to ensure proper requirements and data is gathered for necessary development of **visualizations.**
* Liaised between business users and Tableau support team, infrastructure teams and Tableau support team to help improve **dashboard response time.**
* Advocated the use of **Tableau solution** and help educate business users to facilitate early adoption of the tool.
* Was involved in developing Tableau Dashboards using both **relational and Multidimensional** data.
* Developed Tableau data visualization using **Cross tabs, Heat maps, Box and Whisker charts, Scatter Plots, Geographic Map, Pie Charts and Bar Charts and Density Chart.**
* Building, publishing customized interactive reports and dashboards, report scheduling using **Tableau server.**
* Involved in troubleshooting Tableau Server issues and explaining Tableau Server functionality to **business users.**
* Responsible to connect data into Tableau reporting tool to create **graphic rich dashboards and visualizations for clients.**
* Used several high end technical functionalities in **tableau such as pivoting the pulled data, calculated fields, parameters, action filters, highlighters and KPIs**.
* Trained users and **clients on dashboard navigation, functionalities, tableau server etc.**
* Delivered training to others on the use of **Tableau**and on**Business Intelligence software including business objects to navigate and use the visualizations.**
* Tracked business systems **metrics, budgets and provides reporting.**
* Worked on**ETL tools** or performing ETL processes.
* Work with business users to translate **ETL requirements** into system flows, data flows, data mappings, Jobs etc., using **Talend components** like tMap, tFixedflowinput, tFilterrow, tFilelist, tReplace, tNormalize etc.,
* Responsible to enhance and automate queries from data sources such as relational databases and flat files
* Responsible to analyze data from **large datasets, using geospatial** and/or **statistical analysis tools**
* Worked with end users to troubleshoot problems with both **Tableau Desktop and Server**
* Responsible to develop and deliver Tableau training, managing and tracking end user requests and troubleshooting **Tableau issues**
* Excellent communication skills and proven ability to work with business customers, and technical teams.
* Provided feedback on the quality of data including identification of billing patterns and outliers

**Environment: Tableau Desktop, Server, Salesforce, MS outlook, MS office, Excel, CSV, AWS, SQL Server, One note, Talend.**

**NCBH, Washington D.C Feb 2015– Aug 2016**

**Tableau Developer**

**Description:** The Tableau Developer serves as the lead internal technical developer between MHFA, communications +45and IT department for the National Council's core business applications and other related systems, including being the core team member for the implementation of new National Council business dashboards, visualizations, client reports as well as data analysis.

* Served as the lead internal point of contact between the subject matter expert, project manager and development resource/vendor for the National Council's core business applications and other related systems
* Only point of contact between **IT Department and Communications Department** by playing a crucial role in addressing direct requests/inquiries from customers and clients etc.
* Developed detailed and interactive Tableau dashboards, pulling data from multiple sources including **SQL, CRM data base, CSV and Excel files.**
* Developed and maintained reporting to support operations for decision support purposes.
* Developed and maintained standardized and customer reports including Executive and Operational Dashboards using **Tableau, SQL, Reporting Services and Excel.**
* Analyzed and translated non-technical user requirements into written report specifications.
* Performed analysis of data sources to ensure **data integrity, completeness, timeliness** and accuracy
* Worked with business owners to determine needs and provide visual representation of department performance.
* Worked with subject matter experts to identify **data discrepancies and missing data.**
* Worked as lead to maintain and archive dashboards on Tableau server.
* Involved in administration tasks such as **publishing workbooks, setting permissions, managing ownership's**, providing access to the users and adding them to specific groups in **Tableau Server**.
* Extensively worked on **Excel and Tableau reporting tool** to develop dashboards, pull reports as per client’s requirement and data requests.
* Performed **Data analysis** to provide data reports as per customer’s data requests.
* Worked on **Survey monkey** to create/design surveys matching pre-and post-survey requirements, tested the survey links by giving **more than 200 survey responses** and collecting the responses to verify the expected outcomes.
* Pulled the survey responses into tableau by using Tableau integration and connected to survey link using web data connector.
* Facilitated design reviews with the IT team and revises the **design/requirements** as needed based on scope, timelines, and technical feasibility feedback
* Responsible to create, oversee, and **catalog queries, reports, dashboard, pivot tables, and other reporting output to support business initiatives**
* Perform **system functionality testing and quality assurance during** specific upgrades or other initiatives.
* Assisted in managing open issues and system functionality bugs and work with vendors and internal stakeholders, as needed, to resolve as they pertain to relevant projects
* Attended change **control meetings, work sessions, user focus groups,** and weekly department meetings to stay abreast of ongoing system changes and business needs
* Provided weekly status updates on assigned issues along with **risk assessment.**
* Performed knowledge transfer of system changes to end-users including participation in the development of system and **user documentation.**
* Other duties as assigned

**Environment: Tableau, SQL, SQL developer, Informatica, Share Point, CRM Dynamics 365, Zendesk support system, Redbooth, Excel, CSV, Monkey Survey.**

**American Express - Phoenix, AZ May 2014 – Jan 2015**

**Tableau Developer**

**Responsibilities:**

* Analyzed the business requirements, identifying the requirements, reviewing and communicating with business and getting sign offs from business.
* Developed reports, dashboards, and **SQL queries** using Tableau. Worked on gathering data requirements from different sources and data cleansing.
* Worked extensively with **Advance Analysis Actions, Calculations, Parameters, Background images, Maps, Trend Lines, Statistics, and Log Axes. Groups, hierarchies, sets to created summary level and detailed Reports.**
* Designed and implemented Dashboards and Scorecards with business KPIs using Performance Point Server and published them via Tableau.
* Upgraded Tableau server from **8.0 to 9.0 in DEV and QA** along with Migration of reports.
* Prepared Tableau reports in various subject areas like Materials Procurement Savings, Bill of Materials, Customer Service Index, Employee Productivity and Employee Safety.
* Played critical role in establishing Best practices for tableau reporting by conduct meeting with the clients for gathering reporting requirements; identify the KPI's and developing POC Dashboards.
* Created **Relationships, actions, data blending, filters, parameters, hierarchies,** calculated fields, sorting, groupings, live connections, and in-memory in both Tableau and excel.
* Connected **Tableau server** with **SharePoint portal** and setup auto refresh. Worked closely with the **ETL Team** to automate the **Data load process**, create required **aggregate tables**, indexing and table portioning for performance optimization of Reports.
* Worked on understanding of relational database structures, theories, principles and practices. Wrote **Custom SQL scripts** for creating aggregate tables and generating views.
* Effectively used data blending feature in Tableau to integrate different database tables. Designed and developed various analytic reports /dashboards using Tableau.
* Developed Complex dashboards and used advance chart visualizations in Tableau like Dual Water **Fall charts, Axis, Bullet Graphs, Bubble Charts**, etc. to assist business users in solving complex problems.
* Built Complex Reports using advanced reporting functions like **with YTD calculations, MTD calculation**s, percentage differences, sets and groups etc. in Tableau.
* Built **Excel, Qlik View** and **Domo reports** in Tableau. Developed and Documented technical architecture, system design, performance test results and other technical aspects of the implementation.
* Resolved various performance issues and analyzed the best process distribution for different projects. Assisted power users in Tableau dashboard development.

**Environment: Tableau (Desktop/Server), Teradata, Teradata SQL Assistant, Adobe Analytics, Microsoft SQL Server, MS Visio, Microsoft Office Suite (Word, Excel, PowerPoint).**

**Charter Communications, St. Louis, MO Aug 2013 – April2014**

**Tableau Developer/ Analyst**

**Description:** Statistical Analysis of the data provided by the company to compare and analyze various measures including merchant categories, location and fraud detection. Identifying potential areas for promotional and marketing activities. Designing dashboards with multiple actions and drill down functions to make it available for business users, with ability to filter and dig in detail into KPIs and thereby analyze data for marketing and promotions.

**Responsibilities:**

* Integrating interactive location maps with the data analytics based on various filters and actions.
* Making custom calculated fields for ease of access and effective visualization.
* Work closely with the **Business Analyst to develop the visual analytics** for the given data and make it available online and on mobile products.
* Extensively participated in translating business needs into Business Intelligence reporting solutions by ensuring the correct selection of toolset available across the Tableau BI suite.
* Functional Lead role in defining the dashboard requirements and providing the best practices/approach to **perform ETL and publish data** to the reports/dashboards.
* In charge of the team that builds tableau architecture and dashboards using Tableau desktop, **Tableau Server and Tableau Online.**
* Involved in publishing of various kinds of live, interactive data visualizations, dashboards, reports and workbooks **from Tableau Desktop to Tableau servers**.
* Involved in conducting trainings to user on interact, filter, sort and customize views on an existing visualization generated thru Tableau desktop.
* Extensively involved in **identifying and solving the problems** by coordinating with senior managers in emergency and normal issues to meet the goals.
* Extensively participated in translating business needs into Business Intelligence reporting solutions by ensuring the correct selection of toolset available across the **Tableau BI suite**.
* Functional Lead role in defining the dashboard requirements and providing the best practices/approach to perform **ETL and publish data to the reports/dashboards.**
* In charge of the team that builds tableau architecture and dashboards **using Tableau desktop, Tableau Server and Tableau Online.**
* Publish Tableau workbook to cloud and schedule the refresh of data. Specialized in analyzing the incremental refresh scenarios.
* Created **Global Filters** and applied for all the views in the dashboard.
* Created **Data Source** and published into the server for other users.
* Good Experience on **Data Blending.**
* Created Advance connections, join new **tables, create & manage** Extract and Monitor Queries using **SQL Assistant**.
* Maintaining permissions of **Tableau Views and Dashboards**.
* Extensively worked on parameters, pareto charting, mapping, calculations, demographics and geographic fields.
* Involved with **Query Optimization** to increase the performance of the Report.

**Environment: Vertica, sql, DB2 V9.x, Oracle, Java Script, PHP, HTML 5, Tableau 8.x.7, SQL Server 2012, PL/SQL, SSAS, SSRS, Power BI, Microsoft Visual Studio 2010.**

**Element Blue, Hyderabad India Jan 2013– Jun 2013**

**JR. BI Developer**

**Responsibilities:**

* Involved in Web Interface Development using **HTML, DHTML and ASP.NET**.
* Designed DDL and DML for **MS SQL Server**
* Created and managed schema objects such as Tables, Views, and Indexes.
* Involved in writing **SQL batch scripts**.
* Generated reports using SSRS that could be used to send information to diverse group of users.
* Developed ad-hoc reports using Report Builder.
* Developed Report Model so that the end users can create their own reports using Report Builder.
* Developed various kinds of interactive reports like Drill Down reports, Aggregate reports, reports containing parameters and groups. Also, developed **Matrix, Chart and Graph reports.**
* Published reports in **PDF, Excel, CSV formats**.
* Worked on Application documentation and **ER Diagrams**.
* Involved in building and deploying applications.
* Involved in **Unit testing** of the database objects created.

**Environment: SQL Server 2005/2008,, .NET, Enterprise Manager, SQL Query Analyzer, SSIS, SSRS.**

**Dirt9 Education- SQL Developer Intern, Hyderabad, India May 2011– Jan 2013**

**Developer(Intern)**

**Responsibilities:**

* Involved in the migration from SQL server 2000 to 2005.
* Actively involved in Normalization of database.
* Designed **DDL and DML for MS SQL Server 2005.**
* Create rules, defaults, tables, views, clustered & non-clustered index, user defined data types, and user defined functions.
* Created Triggers to enforce data and referential integrity.
* Actively designed the database to fasten certain daily jobs, stored procedures.
* Optimize query performance by creating indexes.
* Involved in **merging** existing databases and designed new data models to meet the requirements.
* Perform daily database **backup & restoration** and monitor the performance of Database Server.
* Use DDL and DML for writing triggers, stored procedures, and data manipulation.
* Installed and Configured SQL Server 2005 on development server for designing and testing.
* Worked on client requirement and wrote Complex SQL Queries to generate Crystal Reports. Prepared test case scenarios and internal documentation for validation and reporting

**Environment: MS SQL Server 2005, Windows platform, Crystal Reports.**