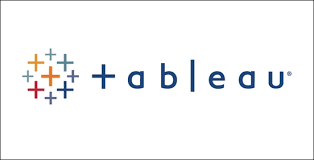
**Keerthana**

Tableau Reports Developer

**Professional Summary**

7+ years’ experience in Tableau, Business Intelligence, Business Objects and SQL and ETL Tools Experienced in Analysis, Development, Design and Maintenance of Business Intelligence applications, creating dashboards, designing Universes, Full Client/Web reports etc.

* Used Tableau Cmd for various Dashboard migrations from one environment to another.
* Used efficient load balancing techniques to manage the load on the server for concurrent user logins.
* Created automated scripts for tableau workbook refresh when not using live connections
* Experience with Tableau maintenance tools and Tableau server monitor to start/stop services and maintain statuses.
* Experienced in managing schedules and scheduling workbooks and activities on Tableau Server
* Combined multiple data sources using blending in Tableau to keep track of sensor data, operator inputs, and real-time systems all in one dashboard.
* Preparing Dashboards using calculations, parameters in Tableau
* Extensive knowledge in various reporting objects like Attributes, Hierarchies, filters, prompts, Calculated fields, Sets, Groups, Parameters, Level-of-Detail (LOD) expressions etc., in Tableau.
* Implemented Binning & Blending concepts in my Tableau Reports.
* Worked on setting permissions on content for specific users or group on a per site basis.
* Created Operational Dashboards to track information throughout the course of daily operations, understanding the status of production, machine utilizations, web traffic, or other critical systems.
* Expertise in web integration of Tableau Reports with HTML or Asp.Net.
* Good usage of Tableau JavaScript API for performance improvement of web page.
* Proficient in design and development of various dashboards, reports utilizing advanced Tableau Visualizations like Waterfall Charts, Funnel Charts, Pareto Charts, Dual Axis, Blended Axes, Scatter Plots, Bar in Bar, Box Plot, Bullet Chart, Gantt Chart, Heat Map, Spark Line, KPI Charts.
* Excellent knowledge on Trend Lines, Statistics, and Log Axes. Groups, hierarchies, sets to create detail level summary report.
* Excellent knowledge in Tableau visual analytics and best practices like Dashboard structure, view orientation, Sizing and Layout, Data Emphasis, Highlighting, Color, Fonts and Tooltips.
* Installed and setup cluster environment for Tableau server and used Jmeter for load balancing and load analysis.
* Experience in working on different data warehousing methodologies including star schema and snowflake schema, ETL processes, dimensional modeling, reporting tools.
* Experience in using Custom SQL for tableau and in writing queries for generating tabular reports, formatting report layout and expressions.

**Technical Skills**

|  |  |
| --- | --- |
| **Reporting Tools** | Tableau Desktop, Tableau Server, Tableau Online, Tableau Public, Tableau Reader |
| **Scripting languages** | T-SQL, Microsoft SQL Server |
| **ETL Tool** | MS SQL Server Integration Services (SSIS), MS SQL Server Reporting Services (SSRS), MS SQL Server Analysis Services (SSAS), OLAP, OLTP, Erwin Data Modeler |
| **Databases** | MS SQL Server 2012/2014/2016, MS Access 2007/2010/2013/2016 and My SQL |
| **Visualization Tools:** | Tableau Desktop, Tableau Server, ETL |
| **Applications** | MS Word, MS Excel, Outlook, PowerPoint |
| **Operating System** | Windows 2000/98, Windows XP, Windows 7, Windows 10. |

**Professional Experience**

**American Express Weston, FL Jan 2019 –Till Date**

**Sr. Tableau Developer**

**Responsibilities:**

* Building, publishing customized interactive reports and dashboards, report scheduling using Tableau server.
* Created action filters, parameters and calculated sets for preparing dashboards and worksheets in Tableau.
* Defined best practices for Tableau report development.
* Mastered the ability to design and deploy rich Graphic visualizations with Drill Down and Drop-down menu option and Parameterized using Tableau.
* Created side by side bars, Scatter Plots, Stacked Bars, Heat Maps, Filled Maps and Symbol Maps according to deliverable specifications.
* Extensive experience in Tableau Administration Tool, Tableau Interactive Dashboards, Tableau suite.
* Created Custom Hierarchies to meet the Business requirement in Tableau.
* Manage Production, Test and Development environments including installation of patches, security administration and access controls in Tableau.
* Created Complex Dashboard, Reports using WEBI having multiple metrics and trends and created
* Hyperlinks for each of the Metric to open a detail report using Open Documents.
* Created Web reports using custom SQL queries and converted them to tableau dashboards for advanced visualizations.
* Created sheet selector to accommodate multiple chart types like Panel charts, Bullet charts and Stack bars etc. in a single dashboard by using parameters.
* Generated Dashboards with Quick filters, Parameters and sets to handle views more efficiently.
* Displayed multiple measures like Individual Axes, Blended Axes, and Dual Axes.
* Effectively used data blending feature in Tableau to combine the data from different sources like Adobe marketing cloud into a single report.
* Worked closely with end users in identifying and implementing right set of business criteria to convert raw data into meaningful information.
* Defined best practices for Tableau report development. Reviewed basic SQL queries and edited inner, left, and right joins in Tableau Desktop by connecting live/dynamic and static datasets.
* Worked on understanding of relational database structures, theories, principles and practices.
* Found efficient ways to make tables and graphs that were visually easy to understand and at the same time maintaining the accuracy of the core information content.
* Used SQL queries at the custom SQL level to pull the data in Tableau desktop and validated the results in Tableau by running SQL queries.
* Scheduled data refresh on Tableau Server for weekly and monthly increments based on business change to ensure that the views and dashboards were displaying the changed data accurately.
* Tested dashboards to ensure data was matching as per the business requirements and if there were any changes in underlying data.
* Participated in meetings, reviews, and user group discussions as well as communicating with stakeholders and business groups
* Published the developed dashboards into production and ensured the data was up to date by scheduling extract refreshes, performed performance tuning of the dashboard and created Tableau functional design document.
* Conducted Gap Analysis, created Use Cases, work flows, screen shots and Power Point presentations for the Web Applications.
* Created Complex workbooks and Dashboards by connecting to multiple data source using data blending.

**Environment**: Tableau Server 8.1/8.2, Tableau Desktop 8.1/8.2, Windows Server Standard R2,, Excel, SQL Server management studio, MS SQL Server 2008R2, UNIX.

**Johnson & Johnson, NJ Sep 2017 –Dec 2018**

**Tableau Developer**

**Responsibilities:**

* Responsible for gathering and analyzing the business requirements and then translate them to technical specifications.
* Responsible for making reports using Tableau desktop, Teradata according to the user's requirements.
* Worked closely with Customer service and BO department for prompt and efficient delivery of Tableau Reports.
* Developed IDT universes and modified existing Universes for enhancements over Oracle database in BO XI 3.
* Developed various data connections from data source to Tableau Desktop for report and dashboard development
* Created Schedules and Extracted the data into Tableau Data Engine.
* Created Tableau scorecards, dashboards using stack bars, bar graphs, scattered plots, geographical maps, Gantt charts using show me functionality.
* Worked with Advance Analysis Actions, Calculations, Parameters, Background images, Maps.
* Trend Lines, Statistics, and Log Axes, Groups, hierarchies, Sets to create detail level summary report and Dashboard using KPI's.
* Developed story telling dashboards in Tableau Desktop and published them on to Tableau Server which allowed end users to understand the data on the fly with the usage of quick filters for on demand needed information.
* Building, publishing customized interactive reports and dashboards, report scheduling using Tableau server. Creating New Schedule's and checking the task's daily on the server.
* Used SSIS transformations such as Lookup, Derived column, Data conversion, Aggregate, Conditional split, SQL task, Script task and Send Mail task etc.
* Used ETL (SSIS) to develop jobs for extracting, cleaning, transforming and loading data into data warehouse.
* Published Tableau dashboard on Tableau Server or Tableau Online and embedded them into portal.
* Created Users and groups on Tableau Server and created monthly subscriptions of reports.
* Scheduled data refresh on Tableau Server for weekly and monthly increments based on business changes to ensure that the views and dashboards displayed the changed data accurately.

**Environment:** Tableau Desktop, Tableau Server, MySQL, ETL, SSRS, SharePoint, SQL Server and Windows.

**PNC Bank, Pittsburgh, PA June 2016 – Aug 2017**

**BI consultant**

**Responsibilities:**

* Involved in gathering the requirements and analyzing the requirements,
* Regularly interacting with customer to resolve issues.
* Responsible for Preparing the Report Design specifications based on the User's requirement.
* Involved in Data modeling.
* Extracted data from various sources and performed data blending.
* Creating Workbooks by Importing data, Defining Relationships.
* Created List, Cross Tab Reports with Quick Filters, Summarized Filters.
* Developing, Designing and supporting interactive Tableau Dashboard reports.
* Experience with the design and development of Tableau visualization solutions.
* Created Bar Charts, Columns Charts, water fall charts, Heat Maps, And Geographical Maps.
* Experience in Marks, Action, Filters, Parameters, Cards, Publisher and Security.
* Created Derived Columns to fulfill the User Requirements.
* Connecting multiple data source with Data Blending technique.
* Formatting the Data by using Legends, Marks, Colors, Sizes, and Shapes.
* Applied various types filters like Data source filters, Quick filters and Context Filters.
* Created table calculations, calculated fields and parameters.
* Created groups, sets, bins and performed conditional sorting and filtering as per the requirements.
* Coordinating with Business Analyst in validating report requirements.
* Executed and tested required queries and reports before publishing.
* Validate the data for each report and review the reports.

**Environment**: Tableau Desktop, Tableau Server, Oracle, Informatica, Windows, SQL, Testing.

**Bank of America, Charlotte NC Aug 2015 – May 2016**

**PL SQL Developer/ETL Developer**

**Responsibilities:**

* Involved in SDLC gathering requirements from end users. Participated in system analysis and data modeling
* Understand the Business requirements and convert them into technical specification
* Modified PL/ SQL procedures, functions, and packages for data population and manipulation as per user requirements.
* Involved in Complete Software Development Lifecycle Experience (SDLC) from Business Analysis to Development, Testing, Deployment and Documentation.
* Interacted with end users and developers to validate the data model.
* Write technical design documents for conversions, extensions, interfaces and reports.
* Designed and developed the Packages, procedures, functions efficiently in loading, validating and cleansing the data. Also worked on creating users and roles as needed for the applications.
* Extensively worked on developing custom packages using Oracle PL/ SQL for various business requirements
* Used Teradata utilities FAST LOAD, MULTI LOAD, TPUMP to load data
* Wrote, tested and implemented Teradata Fast load, Multiload and BTEQ scripts, DML and DDL
* Involved in debugging and Tuning the PL/ SQL code, tuning queries, optimization for the Oracle database.
* Designed/developed tables, views, materialized view, stored procedures, packages and functions.
* Created materialized views using different clauses like FAST, COMPLETE, FORCE, ON COMMIT.
* Experience in working with IMPLICIT CURSORS, EXPLICIT CURSORS, and REF CURSORS.
* Created records, tables, collections (nested tables and arrays) for improving Query performance
* Ensure that the best practices and standards are followed in PL/ SQL.
* Supported unit testing, system testing and UAT testing.
* Track the development of the project and review the code to maintain good quality.
* Postproduction support, Performance tuning and Query optimization for Reports and Interfaces using Explain plan.

**Barclays, Jersey City, NJ Jan 2015 – July 2015**

**SQL Developer**

**Responsibilities:**

* Created Packages, Procedures, Functions, Triggers, Cursors using PL/SQL Developer
* Applied Normalization in the new database design
* Created Schema, Users, Tables, Constraints, Indexes, Triggers, Privileges, Roles, Views
* Granted resources, privileges and roles to users
* Written complex SQL's using joins, sub queries and correlated sub queries in Oracle accordingly
* Tuned SQL queries using EXPLAIN PLAN
* Wrote Audit programs for data consistency check and validation
* Used Materialized Views, Packages and Dynamic SQL
* Tested and modified codes for quality
* Partitioned large Tables using range partition technique.
* Knowledge on software's installation and OS related issues and Network related problems
* Provide timely Production Support by quickly analyzing the root cause and by providing alternatives to resolve issues
* Documented the work by creating various reference manuals for reference by future testers and users
* Performance enhancement and bug fixing of database objects.

**Environment**: MS SQL Server 2000 / 7.0, Windows 2003 Server, MS Access and Windows NT, Erwin, Clear Case, maven, GIT.

**HSBC, India June 2012- Aug 2014**

**Data Analyst**

**Responsibilities:**

* Work with SMEs to understand data requirements and translate them into data models.
* Work with cross functional teams to gather relevant datasets.
* Assemble large, complex data sets and automate the data validation and ETL process.
* Assess the effectiveness and accuracy of new data sources and data gathering techniques.
* Prepare data for analytics and provide critical feedback on data quality issues.