**Mahindra Reddy Maddirala**

[**mahindrareddy10@gmail.com**](mailto:mahindrareddy10@gmail.com)

**508 304-5960**

**BI Report Developer & Adminstrator**

**Professional Summary:**

* I have 10+ years of IT experience in all phases of Analysis, Design, Development, Implementation and support of Business Intelligence applications.
* Excellent data-analysis skills and ability to translate specifications into an interactive Dashboard/Reports using Tableau Desktop tool, Tableau Prep tool & Power BI.
* Using Tableau and Power BI, I support production projects involving Reporting and Dashboard Solutions Development, Data Extraction & Performance Tuning.
* Extensive Experience in Enterprise Environment as Tableau , Power BI Report Developer & Server administration.
* Experience with complex or large-scale installations and architecture, automation and working with functional teams.
* Proficient in Installing, Configuring and Administration of Tableau & Power BI server performance tuning for optimization.
* Experience including technical support, troubleshooting, report design and monitoring of system and application usage.
* Experience in automating the Server maintenance ,Daily & Weekly activities.
* Good experience in QA, UAT, Dashboard visualization, Data quality preparation documentation, writing test case scenarios and executing test cases in HAP ALM & Jira.
* Experience in migrating content from Tableau Server On premise to Tableau Online (Cloud) and to Power BI.
* I have pretty good experience in Access management and content management ,upgrades and Disaster recovery.
* Pretty good experience technical support, troubleshooting, report design, Query Optimization, Optimizing the performance of Dashboards, monitoring of system and application usage for better performance using Performance recording, Workbook optimizer, Grafana , Data Dog etc.,
* Created customized Tableau dashboards for application users for user requirements like- Application content Analysis, Usage Statistics dashboard, Stale content dashboard, Dashboard for running exact refresh schedules, Dashboard for user details and permissions etc.,
* Perform User acceptance test and Write test cases and excute the test cases in HP Quality centre and complete the data and functionality testing.
* Deploy the dashboard into production environment by providing required access to the users.
* Experience in providing production support of reports for any access issues, data issues, connectivity issues, and performance issues from users through ticketing system ITSM,Servicenow.

**Technical Skills:**

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| --- | --- |
| BI/Reporting Tools | Tableau Server, Tableau Desktop, Power BI Desktop, Power BI Report Server |
| ETL Tools | Tableau Prep, Alteryx |
| Database Tools | SQL, Postgres, Amazon Athena, Redshift, Tableau Repository (Postgres DB), IBM DB2 etc., |
| Defect Management Tools | JIRA, HP ALM Quality Center(QC), Service Now |
| Ticketing tools | ITSM, Service now |
| Operating Systems/Environments | Windows, AWS Cloud, Azure Cloud |
| Scripting language | Windows power shell & Basic python knowledge |
| Methodologies | Agile |
| Tableau Admin tools | Tab jolt, Log shark, SRM, Data Dog, Graffana, TSM, TABADMIN, TABCMD |
| Others | Upgrades, installations, configurations, Disaster Recovery, Access Management, and Content management. |

**Professional Experience:**

**Client: Accenture Solutions Pvt Ltd Apr 2021 – Sept 2023**

**Role: Tableau Developer & Server Adminstrator**



**Responsibilities:**

* Designed, developed and tested various Tableau visualizations for the dashboard and ad-hoc reporting solutions.
* Conducted meetings with business stakeholders, clients and director-level members for requirement gatherings and presented various solutions using best practices.
* Participate in the team business requirements gathering and analyze, understand and convert them into database solutions with solid exposure to architecture, analysis, design, testing, development, deployment, documentation & implementation.
* Fetched the data from different sources like SharePoint. Able to load data from flat files and various other databases.
* Implemented data blending to blend related data from different data sources.
* Generated context filters and data source filters while handling huge volumes of data.
* Worked extensively 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.
* Used LOD’s(Level Of Detail Expressions) for the creation of calculation fields.
* Extensively used Ask Data lenses on Tableau Server
* Extensively used Date functions to create year over year, quarter over quarter, YTD, QTD and MTD type of analysis.
* Restricted data for users using Row level security and User filters.
* Experience applying statistical analyses and modeling to business problems.
* Used applied actions (filter, highlight and URL) in creating Interactive dashboards.
* Used Actions extensively to link and filter sheets for easier navigation in Dashboards.
* Worked on complex Business reporting requirements and successfully delivered using PowerBI.
* Embed Tableau Reports in the required origination and Made Tableau Dashboards available in Web clients and mobile apps.
* Deployed the content for the Integration, Functional and User Acceptance Testing.
* UsedTableau server to publish and share the reports with business users.
* Implemented Tableau mobile dashboards via Tableau mobile application.
* Performed administration tasks such as setting permissions, managing ownerships and providing access to users and adding them to specific groups.
* Providing production support of reports for any access issues, data issues, connectivity issues, and performance issues from users through ticketing system ITSM,Servicenow.
* Performance tuning of the dashboards and troubleshooting for any issues related to datasource connectivity, View rendering time , connectivity errors, extract refresh failures etc.,

**Environment:** Tableau Desktop, Power BI Desktop, Tableau Server, Tableau Online, Power BI Report Server , Microsoft SQL Server,PostgreSQL, HP ALM, Jira, AWS Cloud, ITSM, Log shark,SRM, Data Dog,Graffana,Powershell etc..,

**Client: Tata Consultancy Services Mar 2017 – Apr 2021**

**Role: Tableau Developer & Server Administrator**

**Responsibilities:**

* Analyze the Hardware configuration required for the instances running Tableau Server and resources required for services.
* Prepare the cluster environment for ready to install Tableau Server on instances by enabling all the required ports, Hardware configuration etc...,
* Responsible for Installing & Configuring Tableau server in Development, QA & Production environments in single & multi node server architecture deployments.
* Configured Tableau server installation for High Availability which maximizes the availability of tableau server and can be able to achieve failover in a multi node architecture environment.
* Created and configured SSL certificate for enabling the encrypted communications on all external HTTP traffic & Configured Tableau Server to use SAML for user authentication.
* Defined security architecture for user authentication at levels License type & content permissions.
* Perform daily and weekly automatic script running for taking the backup of Server data and server configuration.
* Provide governance and enforce best practices by monitoring the tableau server usage dashboard and user permissions.
* Perform troubleshooting on Tableau Server/Dashboard performance issues using Platform admin dashboards, TSM commands, logs, Datadog, log shark etc.,
* Perform Software upgrades, driver upgrades, Windows server patches.
* 24/7 Tableau Server Monitoring, Maintenance and Upgrades
* Managed the application’s users & groups, integration with identity providers enabling SSL and
* automating tableau server usage monitoring & server job processes like data extracts & backups.
* Applying security/permissions, workbook refreshes User management.
* Created customized dashboards for application users like Application content Analysis Dashboard, Dashboard for running extract refresh schedules, Dashboard for User details & Permissions.
* Checking the status of server application process using various TSM commands and troubleshooting and fixing the issue if any application process is down/not running.
* Develop rich interactive Tableau data visualizations in using features such as data blending, extracts, LOD calculations, filters, actions, parameters, context filters, sets, groups and aggregate measures.
* Designed tableau dashboards with features like dynamic column display, hiding worksheets based on actions and parameters

**Environment**: Tableau Desktop, Tableau Server, Amazon Athena, Amazon Redshit, PostgreSQL, HP ALM, Jira, Azure Cloud, Service Now, Log shark, Data Dog,Graffana,Powershell etc..,



**Client: Accenture Solutions Pvt Ltd Nov 2014 – Feb 2017**

**Role: BI Developer**

**Responsibilities**:

* Designed Tableau & Power BI dashboards with features like dynamic column display, hiding worksheets based on actions and parameter values.
* Migrated the reports and dashboards from Tableau to Power BI.
* Develop rich interactive data visualizations in using features such as data blending, schedules,Calculation fields, DAX calculations, filters, actions, parameters, context filters, sets, groups and aggregate measures.
* Created complex dashboard using parameters, sets, groups and calculations and drill down and drill up in worksheets and customization using filters and actions.
* Implemented row level security for the tableau dashboards and used various advanced table calculations for the dashboards.
* Display reference lines and trend models, showing forecast results, building dashboards and stories with actions.
* Implemented row level security at Dashboard level in multiple projects.
* Publishing workbooks and Data Sources to the Tableau Server.
* Scheduling Data Source extracts for the workbooks using Extract DB connections.
* Performed report validation by backtracking to the backend database and format the data if required.
* Unit Testing of the reports and fixing them in case of any issues.
* Perform User acceptance test and Write test cases and excute the test cases in HP Quality centre and complete the data and functionality testing.
* Deploy the dashboard into production environment by providing required access to the users.

**Environment**: Tableau Desktop,Power BI Desktop,Tableau Server, Power BI Report Server ,MS SQL, Amazon Athena, Amazon Redshit, PostgreSQL.

**Client: Champs Tech Solutions July 2012 – Oct 2014**

**Role: Tableau Developer**

**Responsibilities:**

* Develop rich interactive Tableau data visualizations in using features such as data blending, extracts, LOD calculations, filters, actions, parameters, context filters, sets, groups and aggregate measures.
* Developed Tabular Reports, Sub Reports, Matrix Reports, drill down Reports and Charts using SQL Server Reporting Services (SSRS).
* Integrated custom visuals based on business requirements using Tableau desktop for better clarity of information.
* Created Tableau dashboards using stack bars, bar graphs, scattered plots, geographical maps, Gantt charts etc. using show me functionality.
* Created interactive data visualizations in Tableau, using relational and aggregate data sources.
* Created complex dashboards using parameters, sets, groups and calculations and drill down and drill up in worksheets and customization using filters and actions.
* Implemented row level security for the tableau dashboards and used various advanced table calculations for the dashboards.
* Blended data from multiple databases into one report by selecting primary keys from each database for data validation.
* Analytic support for the company’s marketing campaigns; by predicting areas of promotion.
* Developed interactive views with action/highlight filters to track-manage-correct system entry errors which provided strategic insights to Finance leaders, that helped decrease the faulty inputs into their projects software.
* Implement complex formulas, calculations & Level of detail (LOD) within Tableau to meet the needs of complex business logic.
* Created advanced connections, joined new tables, created & managed Extract and Monitor Queries using SQL Assistant.
* Connected Tableau to various databases and performed live data connections, query auto updates on data refresh.
* 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.

**Environment**: Tableau Desktop, Tableau Server , Amazon Athena, Microsoft SQL, PostgreSQL

**Education Details:**

Bachelor Of Technology – 2012 at Jawaharlal Nehru Technological University, Anantapur, India