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**Professional Summary:**

* 5 years of experience in Business Intelligence in data analysis, design and development of interactive data visualizations, dashboards and reports in Agile Methodology.
* 4 years of experience in **Tableau 10.X, 2018, 2020, 2021.X. SQL and MS- Excel**
* Having 1+ year of experience in **Power BI, Alteryx.**
* Expertise in develop and maintain Tableau dashboards and visualizations using data from multiple sources like MS SQL Server, Snowflake, SharePoint excel and flat files
* Expertise in design and implement data models and data extracts to ensure Tableau dashboards provide accurate and up-to-date information.
* Proficient in work closely with business stakeholders to gather requirements, understand business needs, and translate them into Tableau visualizations.
* Expertise in Optimize Tableau reports for performance, scalability, and user interactivity.
* Expertise in Troubleshoot and debug Tableau dashboards to ensure functionality and accuracy of visualizations.
* Proficient in create and maintain technical documentation related to Tableau development processes, data models, and best practices.
* Expertise in creating interactive dashboards by using **Actions, Sorting, Grouping, Filtering, Sets, Hierarchies, parameters, Bins, Set, KPIS, Reference lines and Trend Lines.**
* Expertise in generate different visualizations such as **Bars, Lines, Pie, Maps, Trend lines, Scatter plots, Donut charts, Waterfall charts, Butterfly Chart, Word Chart, Dual, Blended Axis, Histograms, Heat maps, Tree Maps** by using Tableau.
* Proven experience as a Tableau Developer with a focus on integrating and visualizing big data from SQL Server, Snowflake.
* Expertise in Tableau using the features of **Incremental & full extracts, Blending & union of data sources, Row level security & extract filters etc**
* Proficiency in SQL and experience with databases like SQL Server, Snowflake, Oracle
* Experience in ETL processes, data warehousing concepts, and data modelling.
* Proficient in database concepts like **DDL, DML, DCL, TCL commands, Joins, Unions, Group by, Where, Having, Sub queries, Aggregations and Window functions.**
* Excellent problem solving, performance optimization and analytical skills, with attention to detail and accuracy.
* Strong communication and collaboration skills to work effectively in a team environment and interact with various stakeholders.
* Stayed updated with the latest Tableau and big data technologies to continuously enhance my skills and knowledge.

**Technical Skills:**

* **Tableau Desktop, Tableau Server, Power BI, SQL, Alteryx, Figma, Tableau Editor, JIRA, MS Excel, Python.**

**Education:**

* BSC from Yogi Vemana University, Andhra Pradesh 2017.

**Certification:** Tableau Desktop Specialist

* <https://www.credly.com/badges/dde4d5c9-2519-4f09-85d0-c77003c2afc0/email>

**Tableau Public Profile:**

* [https://public.Tableau.com/app/profile/umamaheswar.mattam](https://public.tableau.com/app/profile/umamaheswar.mattam)

**Professional Experience:**

* Worked with Joy IT Consulting Private Limited (August 2021 – Till Now)
* Worked with Techies Infotech private Limited( April 2018 – August 2021)

**Work Experience:**

**Project #: 4 Raw Goods MRP (June 2022 – March 2023)**

Roles and Responsibilities:

* Understanding and gathering business requirements from stakeholders and prepare interactive data visualization in Tableau Desktop.
* Designed and developed various analytical reports connected to multiple data sources from the Tableau Desktop.
* Extract data required for analysis & reporting, from multiple data tables located in snowflake and share Point
* Analysed the source data and handled efficiently by modifying the data types.
* Optimize Tableau reports for performance, scalability, and user interactivity.
* Troubleshoot and debug Tableau dashboards to ensure functionality and accuracy of visualizations.
* Implemented Tableau features such as parameters to change the values dynamically in the dashboard.
* Implemented tableau Actions, Hierarchies, and Calculated fields, Sets, Groups, Filter, Sorting and Legends in Tableau Desktop to develop interactive reports and highlight the selected values in the visualizations.
* Generated context filters and used performance actions while handling huge volume of data.
* Interact with Tableau-Server to publish the data-view and scheduling the reports.
* Created various views in Tableau Bar charts, Line charts, scatter plot, Heat Maps etc.
* Developed set analysis to provide custom functionality in tableau application.
* Understanding and implementing best practices of data visualization
* Used excel sheet, flat files, CSV files to generate Tableau ad-hoc reports.
* Generated Context filters and used performance actions while handling huge volume of data
* Restricted data for particular users using Row level security and User filters.
* Developed Tableau workbooks to perform year over year, quarter over quarter, YTD, QTD AND MTD analysis.

**Project # : 3 Plant Maintenance (August 2021 - May 2022)**

Roles and Responsibilities:

* Collaborate with data engineers and analysts to understand data structures and optimize Tableau performance for efficient data visualization.
* Design and implement data models and data extracts for Tableau dashboards provide accurate and up-to-date information.
* Develop and maintain Tableau dashboards and visualizations using data from various sources
* Worked closely with business stakeholders to gather requirements, understand business needs, and translate them into Tableau visualizations.
* Optimize Tableau reports for performance, scalability, and user interactivity.
* Troubleshoot and debug Tableau dashboards to ensure functionality and accuracy of visualizations.
* Create and maintain technical documentation related to Tableau development processes, data models, and best practices.
* Modifying the existing dashboard and adding new features to the dashboards depends on the user requirement.
* Optimizing the dashboards by reducing the size and improving the performance of dashboards.
* Pull the data from snowflake connect to Tableau desktop, developing the dashboards and publishing into Tableau Server.
* Extracting the data from SQL server, publishing the data into Tableau server, and developing the reports in Tableau desktop.
* Creating the dashboards by showing the all product equipment’s Meta data, warranty, and claim information in the form of visualization in tableau desktop.
* Handling Tableau Admin activities like creating users, permissions, roles, schedules, alerts etc.
* Restricted data for particular users using Row level security and User filters.
* Deploying workbooks on Tableau Server from Tableau Desktop.

**Project #: 2 Patient Outcome Tracker (January 2020 - July 2021)**

Roles and Responsibilities:

* Worked closely with the Business Analyst to understand business requirements.
* Connect to healthcare databases and integrate patient outcome data into Tableau.
* Designed and create data models within Tableau to facilitate efficient analysis.
* Defined relationships, hierarchies to support in-depth exploration of patient outcome metrics.
* Develop visually appealing and interactive Tableau dashboards to visualize patient outcomes.
* Incorporate key metrics and KPIs relevant to healthcare providers and administrators.
* Utilized Tableau's native visualizations and explore custom visuals when necessary.
* Implemented custom calculations and parameters to enhance the depth of analysis.
* Design an intuitive and aesthetically pleasing user interface for the Patient Outcome Tracker.
* Effectively used filters, actions, and tooltips to enhance user interactivity and engagement.
* Optimize Tableau dashboards for performance, especially when handling large datasets.
* Implement best practices for efficient workbook design and responsiveness.
* Documented the Tableau workbook thoroughly, including data sources, calculations, and dashboard design logic.
* Conduct thorough testing of the Tableau dashboards to identify and rectify any issues.
* Collaborate with the QA analyst to ensure data accuracy and validate visualizations.

**Project # : 1 Nielsen Service Quality (April 2018 - December 2019)**

Roles and Responsibilities:

* Participated in meetings for the better understanding of the Telecom domain and applications.
* Coordinated with Onsite client and offshore team for understanding of requirements.
* Participated in NMP Product development and Testing and reporting
* Used excel sheet, flat files, CSV files to generate Tableau adhoc reports.
* Developed Interactive Dashboards using various tableau objects like Actions, Parameters and Filters in various levels.
* Worked on blending the data from various sources like Hadoop, nmp server and flat files
* Worked on dashboards using Extracts in tableau server
* Created Various Dashboards to test the metric ranges, Historical comparisons and Cross carrier comparisons.
* Used filters, quick filters, sets, parameters and calculated fields on Tableau reports.
* Developed various dashboards, used context filters, sets while dealing with huge volume of data.
* Created Independent filters, Sets, custom hierarchies, calculated fields to meet the requirement.
* Involved in design and development of various reports utilizing Tableau Visualizations like bar chart, line chart, pie-charts, area charts, bubble charts, Filled maps, Zip level maps according to the end user requirement.
* Created action filters, parameters, Data Blending, sets for preparing dashboards and worksheets in Tableau Generated Dashboards.
* Complied interactive dashboards in Tableau Desktop and published them to Tableau Server with Quick Filters for on demand-needed information with just a click of a button.
* Publishing and scheduling reports in Tableau Server.