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**SUMMARY**

* Overall, 9 **years of experience in Business Intelligence reporting tools like Tableau** and other related IT development technologies like MS BI Stack **(Power BI, MS SQL Server, SSIS, SSAS, SSRS)**, and **MS Excel Power-pivot.**
* Involved in Business Analysis of the **OLTP and OLAP** data and decision support. Extensive database programming.
* Converted Micro-strategy **reports into Tableau.**
* Created Rich dashboards using **Tableau Dashboard** and prepared user stories to create compelling dashboards to deliver actionable insights.
* Created different **Action filters, Parameters,** and calculated fields to create the most complicated dashboards.
* Interacting with Business Architecture and Reporting Manager, **gathering the requirements** according to client needs.
* Used Oracle, SQL server as data sources for designing **Tableau Reports and Dashboards**
* Expertise in data preparation with experience in blending multiple data connections, and creating multiple joins across the same and various data sources
* Used and created various visualizations in reports like **scatter plots, box plots, bar graphs, Gantt charts, trend lines, waterfall charts, statistical models, heat maps, and geo-maps** allowing end users to the utilize full functionality of the dashboard.
* Perform **Tableau Server admin duties;** add users/groups from Active Directory; and schedule instances in Tableau Server including weekly data dump.
* Create Schedules and extract the data into **Tableau Data Engine.**
* Created complex dashboards using parameters, sets, groups and calculations and drill down and drill up in worksheets and customization using **filters and actions.**
* Manage the Tableau solution architecture, and administration and actively manage the **performance and usability.**
* **Building, and publishing** customized interactive reports and dashboards, report scheduling on the **Tableau server.**
* **Collaborated with different teams** to understand business requirements and the ability to break them down into workable solutions following **agile development practices.**

**Technical Skills:**

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| --- | --- |
| **Business Intelligence** | Tableau,Power BI, QlikView,Apache Superset,Oracle Cloud,Azure,IBM Cognos |
| **Languages** | Oracle SQL, SQL-queries, PL/SQL |
| **Other ETL/Reporting Tools** | SSIS, SSAS , Microsoft Azure ML, SQL Server Reporting Services (SSRS), Crystal Reports |
| **Databases** | Oracle 8i/9i/10g/11g, SQL Server 2000/2005/2008, DB2, MySQL |
| **Operating Systems** | Windows 98/XP/7/10, Unix, Linux |
| **Tools** | Toad, SQL Plus, SQL Developer, SQL Server Management Studio, MySQL Workbench, SAS/ES, Anaconda, Oracle, SQL Server, Azure, ETL, Postman, Keycloak,NiFi |
| **Applications** | Advanced MS Excel, MS Visio, MS Access, Adobe,JIRA Atlassian, BitBucket |

**Professional Experience:**

**CGI July 2021 – Till date**

**Role:Tableau Developer**

* Experienced in designing and developing **Tableau visualizations** and creating business requirement documents and plans for creating **dashboards.**
* Designing, creating, and publishing customized interactive **reports, dashboards, and scheduling** using **Tableau Server.**
* Created **action filters, sets, parameters,** and **calculated sets** for preparing **worksheets and dashboards in Tableau.**
* Created Tableau scorecards, and dashboards using **bar graphs, scattered plots, stack bars** geographical maps, and Gantt charts using show me functionality.
* Created detailed level summary reports using **Trend lines, Statistics, log axes, groups, and hierarchies.**
* Created complex stored procedures, triggers, cursors, tables and views, and other **SQL joins** and statements for applications.
* Effectively used **data blending, filters, actions, and Hierarchies** feature in tableau.
* Combined views and reports into Interactive Dashboards in **Tableau Desktop** that were presented to Business users, Project Managers, and End Users.
* Performed independent functional and technical analysis for major projects supporting several corporate initiatives.
* Provided **back-end support for functional testing and performance testing**. Developed scripts to migrate data from multiple sources to the desired destination using **ETL tools.**
* Maintain detailed technical documentation and Collaborate with business owners, business analysts to understand requirements and translate them into **insightful visualizations**
* Contributed to the development of Business Intelligence **Epics, User Stories,** etc. Provide a thought to leadership, strategy, and directions.
* Hands-on development assisting users in creating and modifying **worksheets and data visualization dashboards.**
* Design, build and support scalable, highly available data pipelines using **Azure Data Factory & Data-bricks.**
* Designed Tableau dashboard & 20 BI reports and participated in feedback sessions to recommend improvements to systems.
* Involved in Configuring and Upgrading the **On-Premises Data gateway** between various Data sources like SQL Server to Azure Analysis Services and Power BI service
* Created Level of detail expressions (**LOD Expressions**) data source columns are computed for each row in the underlying table Created Users, User Groups and Projects through Tableau server Web and assigned roles and permissions for Tableau Users
* By implementing Tableau best practices in report formulation, SQL query development, and advanced dashboard creation, we were able to improve key performance indicators by 1**5% within two months**
* Accomplish all tasks related to advanced analysis actions, calculations, parameters, background **images, maps, trend lines, and statistics**
* Create groups, hierarchies, and data sets to develop summary levels and detailed reports
* Design and apply KPIs, dashboards, and operational metrics using Performance Point Server — publishing them via Tableau to enable KPIs tracking in a real-time
* Streamline multiple performance issues and implement best process distribution for 5+ projects, facilitating power users in Tableau dashboard development

**Environment:Power BI,Power BI desktop Pro,Tableau, SSIS, SSRS, SQL Server 2016 and Windows10 OS**

**Western Digital, CA Jan 2020 – Nov 2020**

**Role: Tableau Developer**

* Understand Requirements, Analyzing Systems and Source Databases like SQL **servers and Flat files**
* Interacted with business users and performed **Gap Analysis** of Client requirements.
* Prepared Business Requirement Documents and then converted business requirements into **Functional Requirements Specifications.**
* Created and extract to see how the performance of **Tableau's Data Engine** compares through star schema.
* Documenting the whole process of working with **Tableau Desktop** and evaluating Business Requirements.
* Understand and represent the Deployment/Run function of the new requirements design to check supportability/scalability/performance
* As a **Power BI and Tableau SME r**esponsible for the design, development, and production support of interactive data visualizations used across the company
* Implemented Groups, Sets, combine fields, and aggregated fields to compare and analyze data from different perspectives in Tableau
* Designed and developed ETL workflows and datasets in Alteryx to be used for **Reporting** (ETL tool specific for creating datasets) **Tableau Data Extract for BI**
* Worked closely with business power users to create reports/dashboards using tableau desktop.
* Designed and Developed various analytical reports from multiple data sources by blending data on a single worksheet in **Tableau Desktop** Utilized advanced features of **Tableau** to linking data from different connections together on one dashboard and to filtering data in multiple views at once.
* Created Prompts, customized **Calculations, Conditions, and Filters** (Local, Global) for various analytical reports and dashboards.
* Create and modify Interactive Dashboards and Create guided **navigation links** within Interactive Dashboards.
* Handled **Tableau admin** activities granting access, and managing **extracts and Installations.**
* Effectively used **data blending, filters, actions, and Hierarchies** feature in **tableau.**
* Involved in Code Review, Unit testing, logging and Custom Logging in **SSIS Packages, Query** verification in **SSIS and Stored Procedures.**
* Developed **custom reports** and deployed them on server using **Power BI**
* Conducted system tests, troubleshoot customer issues, and corrected database defects.
* Involved in **Technical discussions** and decisions for **Business requirements,** Interaction with Business Analysts, Client team and the Development team.
* Involved in the creation/review of functional requirement specifications and supporting documents for business systems, experience in database design process and data modeling process.
* Expertise in writing complex **DAX functions** in **Power BI** and**Power Pivot**.
* Extracted data from various sources like **SQL Server 2014/2012/2008 R2, .CSV, Microsoft Excel** and Text file from the Client servers.
* Installed and configured Enterprise gateway and Personal **gateway in Power BI service.**
* Created **SSIS packages** that involved a variety of transformations such as **Slowly Changing** Dimension, look up, **Aggregate, Derived Column, Conditional Split, Multicast, Union All, Merge,** Merge Join, and **Data Conversion** before loading the data into Data Warehouse.
* Utilized**Power BI (Power View)** to create various analytical dashboard that depicts critical **KPI's** such as legal case matter, billing hours and case proceedings along with slicer and dicer enabling the end user to make filters.
* Analyzed the Data quality, Data validating, and Data Mapping to migrate data to the **SQL Server database.**
* Create and modify Interactive Dashboards and Create guided navigation links within Interactive Dashboards
* Used Tableau Desktop Data Visualization tool for reports, integrated tableau with Alteryx for Data & Analytics
* Developed storytelling dashboards in Tableau Desktop and published them onto the Server, which allowed end users to understand the data on the fly with the usage of quick filters for on-demand needed information
* Created side by side bars, Scatter Plots, Stacked Bars, Heat Maps, and Filled Maps and Symbol Maps according to deliverable specifications
* Analyzed business requirements and implemented data mart solutions for data mining and reporting.
* Designed the data model based on star schema and created the tables and indexes and developed the
* Designed and created data extracts, supporting **SSRS, POWER BI,** and other visualization tools reporting applications.

**Environment:Tableau,Power BI,Power BI desktop Pro, SSIS, SSRS, Python, SQL Server 2016 and Windows10 OS**

**Cummins Inc, Columbus, IN Jan 2018 –Dec 2019**

**Role: BI Developer**

* Analysis of the specifications provided by the client and understanding of the business
* Experience in designing, developing, and delivering business intelligence solutions using **SQL Server Integration Services (SSIS), and Reporting Services (SSRS)**
* Experience in Performance Tuning of SSIS packages by using Row Transformations, Block and Unblock Transformations.
* Installed and configured Enterprise gateway and Personal gateway in**Power BI service**.
* Generated custom and parameterized reports using **SSRS**. Created various visualizations like waterfall, funnel, **matrix visualization, scatter plots**, combo charts, gauges, cards and **KPI**.
* Analyzed the **Data quality, Data validating, Data Mapping** to migrate data to SQL Server database.
* Implemented data analysis, designing, developing and testing reports in **Cognos 10.x** for the various disciplines within organizations following standard team processes.
* Analyzed business requirements and implemented data mart solutions for **data mining and reporting.**
* Published Workbooks by creating user filters so that only appropriate teams can view it.
* Building, and publishing customized interactive reports and dashboards, report scheduling using **Tableau server.**
* Designed the data model based on star schema and created the tables and **indexes** and developed the scripts to load the **data mart tables.**
* Mastered the ability to design and deploy rich Graphic visualizations with Drill Down and Drop-down menu options and Parameterized in Tableau and Power BI
* Designed and created data extracts, supporting **SSRS, POWER BI, Tableau, or other visualization tools reporting applications.**
* Developed Linked Tables, and Concatenation and solved the loops issues.
* Preparing various business reports using various charts like bar charts and pie charts etc.
* Involved in Data modeling for Dashboard design.
* Implemented **Star schema & Snow flake schema.**

**Environment: Power BI,Tableau, Cognos, Sql server 2016, Oracle DB, Sharepoint.**

**Worthington Industries,Columbus, OH Jan 2017 – Dec 2017**

**Role: System Analyst**

* Experience in creating different visualizations using **Bars, Lines, Pies, Maps, Bubbles, Tree maps and highlights, crosstab, etc.**
* Ability to analyze and dissect user requirements and build **front-end BI applications** according to specifications.
* Collaborate with end users, **project stakeholders** and, support partners to identify needs, goals, and business models.
* Create complex formulas and calculations within Tableau to meet the needs of complex business logic.
* Created action filters, parameters, and calculated sets for preparing dashboards and worksheets in Power BI/Tableau
* Created relationships, actions, data blending, filters, parameters, hierarchies, calculated fields, sorting, groupings, live connections, and in-memory in both Tableau and Excel
* Integrated Tableau server with SharePoint portal and set up auto-refresh
* Experienced in designing customized interactive dashboards in Tableau using **Marks, Actions, filters, parameters** and **calculations.**
* Using Custom Visuals and **Row Level Security and Gateway Connections.**

**Environment: Tableau, SSIS, SSAS, SSRS,MS Office,Sharepoint,Tableau.**

## Autoliv Americas,Auburn Hills MichiganJan 2016 – May 2016

**Role: Report Developer**

* Expert in creating Dashboards Scorecards, views, pivot tables, and charts, for further data analysis using Power BI desktop
* Expert in creating multiple kinds of **Power BI Reports and Dashboards**
* Documenting functional specification documents & Requirement traceability matrix
* Designed developed and implemented Tableau Business Intelligence reports.
* Experience in error handling and troubleshooting the script’s failure, to load the data into the database
* Executed and tested required queries and reports before publishing
* Perform ad hoc analysis and assist in building dashboards to support management business decisions

**Lear Corporation,Southfield, Michigan Aug 2014 – Dec 2015**

**Role: ETL Developer**

* Understanding the **Business Requirement Document**s.
* Created and manipulated many **Packages.**
* Implemented **ETL** and **Business logic** with various tasks and Transformations.
* Using multiple transformations including **Fuzzy Lookup and Fuzzy Grouping** in the Data cleansing Task.
* Creating various Visualizations using a variety of charts such as **Bar Charts, Stacked Bar Charts, Pie Charts, KPI, TreeMap, Line charts, Tables, and matrix Charts.**
* Populating the data from different source systems into DW using SSIS.
* Created Reports from a different source and provided drill-through capability from **Excel reports to SSRS reports.**
* Ability to analyze and dissect user requirements and build **front-end BI applications** according to specifications.
* **Monitor and administer** automated and manual data integration and ETL jobs to verify execution and measure performance
* Participating and contributing in team meetings and sharing new knowledge.

**Environment:SSIS, SSAS, SSRS,MS Office, Excel**

**DHL, Chennai, India Jan 2011 – Dec 2013**

**Role: Software Developer**

* Interacting with users to gather Business requirements, and Analyzing, Designing and Developing the Data feed and **Reporting system.**
* Involved in extraction, transformation and loading of data directly from different source systems like Excel, Oracle, flat files, and SQL Server
* Using SQL Server Integration Services (SSIS) as an ETL Tool, the data been Extracted, Transformed, and Loaded (ETL) from **Excel** and **Flat file to MS SQL Server.**
* Designed SSIS packages to transfer the data from flat files, Access database and, excel documents to the Staging Area in **SQL Server 2012.**
* Preparing the deployment document and development process explanation handbook.
* Created complex stored procedures using **SQL server management Studio**. Further, these stored procedures are used for pulling the data from **ODS to EDW by using SSIS packages**.
* Provided support for database backup/restore and database transfer activity from the test environment to the production environment.
* Testing and fixing packages using **SQL 2012 Business Intelligence Development Studio**.
* Scheduling and executing SSIS Packages, using SQL Server Agent. Implemented and maintained data/reporting requests and roll-out process.

**Environment:SSIS, SSAS, SSRS,MS Office, Excel**

**Education Summary:**

* Master Degree in Computer Science, LTU, Michigan 2016
* Bachelor’s Degree in Engineering, VIT, India 2011