**A close up of a sign

Description generated with high confidenceVivek**

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**SUMMARY:**

* 6 years of experience in **Data warehousing** and **Business Intelligence technologies** along with strong experience of**data visualization** using Tableau.
* Professional experience in recording, cleaning, munging, analyzing and visualizing data in a fast-paced environment. Proficiency in **Excel, SQL**.
* Hands on experience on **Tableau Desktop 7/8.0/8.2/9.1/10.0, Tableau Reader** and **Tableau Server.**
* Good knowledge on Tableau 10.5.
* Good hands on knowledge of using Data Analytics Tools Qlik view, Power BI, **Micro Strategy**
* Mastered the ability to design and deploy **rich Graphic visualizations** with **Drill** **Down** and Drop-down menu option and **Parameterized** using Tableau.
* Involved in **Full Life Cycle Development of Reporting Projects**, includes Requirements. Involved in Gathering/ analysis, **Design, Development, Testing and Production** rollover.
* Expertise in **Agile Scrum** Methodology to implement project life cycles of reports design and development
* Hands-on development assisting users in creating and modifying worksheets and data visualization dashboards.
* Worked on moving **Tableau Dashboard** from Development to Production Live Environment.
* Technically skilled Excel Data Analyst to provide data cleansing support and validation of data for use in presentations, metrics, and reporting of information.
* Experience in writing complex **SQL queries** involving multiple tables inner and outer joins.
* Extensive experience in testing Cognos reports and Micro Strategy according to report and functional specification documents
* Transformed, normalized, and used the arithmetic operators on columns of data frames using pandas in Python.
* Worked with missing values, used pivot tables, and calculate summary statistics**.**
* Handled files with different formats, combined several messy data sets into a single clean one to make data exploration easier.
* Expertise in **data cleansing** for analysis, perform data quality testing for gaps, and liaising with data origination teams.
* Worked with the file system, managed file permissions, fixed the files with problematic extensions using the command line.
* Worked with Extracted Data and **Live Data** Connections.
* Prepared detailed technical documentation such as workflows, scripts and diagrams in coordination with data scientists.
* Performed Cohort analysis, Customer acquisition analysis in MS SQL to understand the behavior of customer.
* Demonstrated expertise utilizing ETL tools, including SQL Server Integration Services **(SSIS)**, Data Transformation Services **(DTS)** and sequel server reporting services**(SSRS)**.
* Well-versed with Microsoft Office Suite including **Office365**, **MS Visio**, **MS Access, Project**, **PowerPivot**and **SharePoint.**
* Excellent team player with very good communication skills and problem-solving abilities.
* Excellent skills in communication & collaboration, interest & ability to learn new technologies in short time.

**TECHNICAL EXPERTISE:**

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| Visualization Tools | Tableau 10.0/9.2/9.1/9.0/8.2/8.1/8.0/7.0, Tableau Server, Micro Strategy |
| Languages | C, SQL, PL/SQL, XML, HTML, JAVA, J2EE, Python. |
| Operating Systems | Windows 2000/98/95/3.1, Windows XP, Windows 7, Windows 8, Windows 10. |
| Database | Hadoop, SQL server, Sybase, Oracle 10g/9i/8i, MS Access, SQL Server |
| Other Tools | MS Office Excel, Access,PowerPivot etc. |

**PROFESSIONAL EXPERIENCE:**

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| **Client** | **Lumeris Healthcare, St. Louis, MO** |
| **Title** | Data Analyst |
| **Duration** | Mar 2016 – Present |

**Responsibilities**

* Participated in requirement gathering, analysis and structuring of Business Intelligence objects reports based on user requirements and conducted meetings every month for group of Directors to help them understand how their units are doing**.**
* Grant server access to team members for live connections.
* Extracted, compiled and tracked data, and analyzed data to generate reports.
* Worked on end-to-end data analysis project by acquiring the raw data, handling files with different formats and columns.
* Worked on reports existing in Micro strategy .Developed some ordinary reports in the micro strategy
* Created map datasets using SAS logics, macros, generating warehouses and loading to SQL server.
* Analyzed, joined, filtered, created padded columns to the dataframes.
* Filtered the data to remove the unnecessary columns which will make it easier find correlations within it.
* Created calculated columns by combining related columns for quantitative analysis.
* Used regular expressions and text processing to extract coordinates from a string.
* Parsed the latitude and longitude coordinates which enabled us to map and uncover any geographic patterns in the data.
* Involved in data cleaning, handled missing values with various python methods and merged data sets in python.
* Calculated Correlations by finding R-values to know how closely two columns are related.
* Worked with other team members to complete project and achieve project deadlines.
* Created action filters, parameters and calculated sets for preparing dashboards and worksheets in Tableau.
* Created **Heat Map** showing current service subscribers by color that were broken into regions allowing business user to understand where we have most users vs. least users.
* Created interactive **dashboards** by combining views and reports in Tableau Desktop that were presented to Business Users, Program Managers, and End Users.
* Created Dashboard reports using Tableau, Micro Strategy
* Using MS Excel, charts are converted into **Crosstabs** for further underlying data analysis.
* Created **Bullet graphs** to determine profit generation by using measures and dimensions data.
* Designed and developed monthly, quarterly and yearly reports at branch and organization level.
* Established platform to process 837 medical data and convert them to SAS datasets
* Concerned in table and index partitioning for performance and Manageability.
* Identified, tested, and resolved database performance issues (monitoring and tuning) to ensure database optimization.
* Monitored the overall performance of the database to recommend and initiate actions to improve/optimize Performance.

**Environment:** Tableau Desktop 10.1, Tableau Server,.tdsx, .tde and .tds files, MS Office Suite including MS Excel., Oracle SQL Server.

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| **Client** | **Beacon Health Option, Reston, VA** |
| **Title** | BI Developer/ Analyst |
| **Duration** | July 2015 – Feb 2016 |

**Responsibilities:**

* Served as a liaison between the business and the IT department by conducting weekly meetings with stakeholders, developers, QA Team to document any changes and apply them to Tableau reports as needed.
* Worked on functional requirements sessions with business and technology stakeholders on data modelling, integration and configuration for data warehouse with automated and manual field data collection systems.
* Involved in creating database objects like tables, views and procedures, triggers and functions using SQL to provide definition, structure and to maintain data efficiently.
* Extracting the data tables using custom generated queries from Excel files, Access/ SQL database and providing extracted data as an input to Tableau.
* Initiated data management plans, performed data wrangling operations using R and Python and created interactive dashboards using Tableau for presentation
* Developed complex SQL queries, data base objects in oracle for audit team in auditing.
* Defining best practices for Tableau reporting development. Hands-on development assisting users in creating and modifying worksheets and data visualization dashboards.
* Involved in data validations of the results in Tableau by validating the numbers against the data in the database tables by querying on the database.
* Designed dashboards on the concept of Dynamic availability where in a variety of worksheets/ Views were connected by Actions, and provided an interactive reporting environment of the Revenue Impact Analysis, Inventory Control, Pricing opportunity analysis, Market Overview, shopping activities etc.
* Designed and developed the most suitable user interface such as dashboards, multiple charts type, trends, custom requests for excel export and objects for management dashboards reporting using Power Pivot.
* Involved in developing reports during oracle E-Business suite implementation.
* Worked extensively with Advance Analysis Actions, Calculations, Parameters, Background images, Maps, Trend Lines, Statistics and table calculations.
* Reporting and Dashboarding analytical results to client using (Tableau,    
   Excel, Micro strategy, Teradata
* Drew upon full range of Tableau platform technologies to design and implement proof of concept solutions and create advanced BI visualizations.
* Published Dashboards onto Tableau Server and from there consumers would choose viewing medium laptop, pc, iPad.
* Develop, Organize, manage and maintain graphs, tables, slides and document templates for the efficient creation of reports. Responsible for loading, extracting and validation of client data.
* Analyzing raw data, drawing conclusions and developing recommendations.
* Data output- Made data chart presentations and coded variables from original data, conducted statistical analysis and when required provided summaries of analysis.

**Environment**:Tableau Desktop, Tableau Server, MS Office Suite including MS Excel,MS SQL Server.

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| **Client** | State of Tennessee, Nashville, TN |
| **Title** | Data Analyst |
| **Duration** | Nov 2014 – May 2015 |

**Responsibilities:**

* The project is designed in two phase’s data gathering and reporting, the data gathering part is done using SQL Server Integration Services (SSIS) and the reporting portion is built on SQL Server Reporting Services (SSRS).
* Developed SSIS Package using MS SQL Server Integration Services to load data from Oracle into SQL Server database to store consistent and durable data.
* Built new SSIS Packages to load incremental data dynamically on to SQL Server destination tables from different OLEDB, Flat File, .TXT and Excel files.
* Managed the metadata associated with the ETL processes used to populate the data warehouse using SSIS packages. Extensively worked on mappings, incremental data loading, and SSIS transformations.
* Designed & developed several SSIS packages for the daily, Hourly, Weekly & Monthly Loads to Mortgage Information System (MIS).
* Created SQL server reports using SSRS 2005/2008 for manager, customer support and that can deliver at client’s station.
* Migrated and Designed different type of reports tabular, matrix (cross tab), conditional, list items, charts and sub reports.
* Developed complex reports in SSRS 2005 with many works around for reports according to the business requirements.
* Involved in creating cubes, reports for the new MLB data warehouse (MetLife Bank) using SQL Server Analysis Services (SSAS).
* Designed Common Table Expressions (CTEs), table variables, temp tables, which makes a reusable expression part of a query.
* Performed code optimization and improving efficiency in databases including re-indexing, updating statistics, recompiling stored procedures and performing other maintenance tasks.

**Environment:**SQL Server 2012, SSRS, SSIS, T-SQL, Visual Studio, Tableau Desktop, Tableau Server, MS Office Suite, MS Excel.

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| **Client** | **HCL Technologies, India** |
| **Title** | SQL/ Tableau Developer |
| **Duration** | July 2012 – Oct2014 |

**Responsibilities:**

* Complete administration of **MS-SQL Server version 7.0**/**MS SQL 2000**.
* Migration of databases from SQL7.0 to MS SQL 2000 wherever required.
* Provided 24/7 Support for Production, Development & Test Servers of **MSSQL** Servers.
* Wrote Triggers and Stored Procedures to capture updated and deleted data from **OLAP** systems.
* Created views in Tableau Desktop that were published to internal team for review and further **data analysis** and customization using filters and actions.
* Generated periodic reports based on the statistical analysis of the data from various time frame using Tableau.
* Performed Database backups (operating system, flat file backups & export/import).
* Tuned SQL statements (e.g.: - Using Indexes) and **PL/SQL** Procedures.
* Used Query Analyzer to optimize SQL Queries.
* Scheduled **extract refresh and subscriptions.**
* Created different **KPI’s** using **Table calculations** and **calculated key figures** (Manipulating strings, arithmetic calculations, aggregation options and Logical functions).
* Designed & created Reports using Report Builder in Developer 2000.
* Developed standards and guidelines to maintain and develop and administer the **SQL Server** database.
* Handled corrupt databases diagnosed and repaired them.

**Environment:**.SQL Server 11.0/2012, T-SQL, Query Analyzer, Windows 2010, MS Office 201/14.0, Tableau 8.1.