**Siddhartha Yalamanchi**

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**Summary:**

* Around 7 years of work experience on Business Intelligence tools in the Information Technology Industry in designing and developing Tableau Visualizations.
* Introduced Tableau to Client's to produce different views of data visualizations and presenting dashboards on web and desktop platforms to End-user and help them make effective business decisions.
* Responsible for verifying business requirements, ETL Analysis, ETL develop and design of the flow and the logic for the Data warehouse using Informatica and SSIS.
* Experience in creating aggregates, hierarchies, charts, filters, quick filters, table calculations, trend line calculated measures.
* Experience in Data Extraction, Transformation and Loading (ETL) using SQL Server Integration Services (SSIS), Data Transformation Services (DTS), Bulk Copy Program (BCP).
* Experience in creating and deploying SSIS (ETL process) packages using various Transformations such as Slowly Changing Dimension, Multicast, Merge Join, Lookup, Fuzzy Lookup, Conditional Split, Aggregate, Derived Column and Data Conversion Transformations.
* Experience in creating different visualizations using Bars, Lines and Pies, Maps, Bubbles, Tree maps and Highlight tables.
* Extensive knowledge in using Filters, calculated fields and Parameters.
* Make visualizations perform as well as possible by using the Data Engine, Extracts and using connection methods correctly.
* Created conditional filters and Actions links to filter the data on dashboard.
* Handle changes in the data source such as field addition, deletion or name changes.
* Publishing sheets and dashboards on server Using Tableau Desktop and Tableau public
* Exposed to all phases of software development life cycle SDLC including in-depth knowledge of Agile methodology, Enterprise Reporting Life Cycle, Change control rules, problem management and escalation procedures.
* Worked on Content Management System for different vendors using ServiceNow instance.
* Created and modified Update sets to transfer data from one service now instance to another instance.
* Played a key role in the agile team including overseeing job sprints on SCRUM based projects.
* Combined multiple data sources using data blending in Tableau to keep track of sensor data, operator inputs, and real-time systems all in one dashboard.
* Mastered the ability to design and deploy rich graphic visualizations with Drill Down and Drop-down menu option and Parameterized views using Tableau.
* Proficient knowledge in performance tuning and knowledge to work according to the Work Request and Change Request’s
* Ability to understand the business requirements and Data models.
* Vast Experience in Oracle advance SQL Programming Using Analytical functions, Sub Queries, indexes and Set Operators.
* Proficient in creation, modification and effectively use of database objects like Tables, Constraint, Sequences, Indexes, Group Functions, and Views.
* Experience and Excellent Exposure in Query tuning using Materialized Views & Indexes.
* Expertise in getting the data from different data source such as flat files, Excel, Microsoft SQL server, oracle SQL.
* Used ETL process to Extract, Transform and Load the data into stage area and data warehouse.
* understanding of Data warehouse concepts, ETL, Star Schema, Snowflake, data modelling experience using Normalization, Business Process Analysis, Dimensional Data modelling, FACT and dimensions tables, physical and logical data modelling.
* Excellent communication and interpersonal skills. Ability to work effectively as a team member and individually.

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| Analytical Tools | Tableau Desktop/Server (9.0,9.2,10.2,10.5,2018.1), Power BI, SSRS, Crystal reports |
| ETL Tools | Informatica, SSIS |
| Requirements Management | Microsoft Office (Word, PowerPoint, Excel) |
| RDBMS and SQL Tools | Teradata, Oracle, Microsoft SQL Server, SQL Assistant, SQL Plus, ServiceNow |
| Languages | SQL, T-SQL, PL/SQL, Python |
| Operating System | Windows 10/8/7 |

**Technical Skills:**

**Professional Experience:**

**Cox Communications, Atlanta, GA Nov 2017 – Present Tableau Developer**

**Responsibilities:**

* Interacted with business users to gather requirements and created several dashboards.
* Worked in Tableau environment to Create dashboards like weekly, monthly, daily reports using Tableau Desktop & publish them to server
* Responsible for creating dashboards and overall creation of data visualizations.
* Created dashboard designing with effective data visualization of large data volumes from various data sources (SQL server, oracle, spreadsheets etc.)
* Converting business requirements into dashboard views and designs.
* Created Dashboards and Storyboards in Tableau 2018, 10.5 and validated the loads
* Developed Tableau data visualization using Scatter Plots, Geographic Map, Pie Charts and Bar Charts, Page Trails, and Density Chart.
* Prepared Dashboards using calculations, parameters in Tableau and created calculated fields, groups, sets and hierarchies etc.
* Mastered the ability to design and deploy rich Graphic visualizations with Drill Down and Drop-down menu option and parametrized using Tableau.
* Executed SQL queries on the various back-end databases extensively to verify GUI results.
* Distributed Tableau reports using techniques like Packaged Workbooks, PDF etc.
* Performed optimization on the existing reports to decrease the run time to meet the real time requirements and made changes to the existing reports for good look and feel for the users.
* Involved in administrative activities, doing deployment and monitoring schedules and jobs.
* Created Bar Charts which is complied with data sets and added trend lines and forecasting on future usage
* Created Crosstab's to display underlying data based on various graphs and charts created for further data analysis.
* Developed the SQL Server Integration Services (SSIS) packages to transform data as well as created interface stored procedures used in SSIS to load/transform data to the database.
* Designed and implemented complex SSIS packages to migrate data from multiple data sources for data
* Extracting the data from the different sources (CSV files, oracle, and MS SQL 2000) and stored the data into the intermediate Staging Database using the SSIS ETL tool.
* Worked in creating hierarchies for dimensional tables like date dimensions and region dimension tables. Browsing the cube for analysis and validation of the data. Processing the cubes and dimensions using the SSIS tasks.
* Responsible for verifying business requirements, ETL Analysis, ETL develop and design of the flow and the logic for the Data warehouse using Informatica.
* Used ETL tool to transform, load and extract the data into data warehouse and to create business intelligence reporting.
* Wrote adhoc sql queries for business needs.
* Understanding the concepts of refreshing, migrations and scheduling, taking back ups and restoration of Tableau repository.
* Managing users, groups and integration with active directory.
* Capable of doing Tableau Server Management (clustering, load balancing, user management etc.)

**Environment:** Windows 10, Tableau Desktop 10.5,2018.1, Tableau Server 10.5,2018.1, Oracle, SQL, Flat files, SQL Server, Informatica, SSIS, MS Office (Access, Word, Excel, PowerPoint)

**U.S. Cellular, Chicago, IL Nov 2016 – Oct 2017 Tableau Developer**

**Responsibilities:**

* Responsible for understanding and gathering business requirements and prepare interactive data visualizations in Tableau desktop and providing BI Solutions to the management for strategic decision making.
* Responsible for extracting data in Tableau from Oracle database
* Experience working on Tableau Desktop - Connecting to multiple data sources, building quick views, advanced filtering, Sorting, Groups, Hierarchy, Create Sets, Actions, Table Calculations and using necessary Parameters, Forecast, Trend lines, Data Blending.
* Extract the data from various sources like SQL Server, Text files, and access into Data Warehouse.
* Combined views and reports into interactive dashboards in Tableau Desktop that were presented to Business Users, Program Managers, and End Users.
* Reviewed basic SQL queries and edited inner, left, and right joins in Tableau Desktop by connecting live/dynamic and static datasets.
* Analysis of sales for each group/department, over different dimensions like Region, Organizations.
* Creating dashboard that navigates to the Detail dashboard for specific drill down analysis
* Plot Geographical maps like Filled Map and Symbol map.
* Worked on Content Management System for different vendors using ServiceNow instance.
* Created and modified Update sets to transfer data from one service now instance to another instance.
* Involved in creating Import sets to transfer data and transform maps.
* Worked on detail level analysis of each product and transport to give top performing products and the correlation between the quantity and sales is designed using scatter plot
* Built Complex Reports using advanced reporting functions like with YTD calculations, MTD calculations, percentage differences, sets and groups etc. in Tableau.
* Resolved various performance issues and analyzed the best process distribution for different projects.
* Creating user filters at organization level and Implemented action filters, parameters, calculated filed and set for preparing dashboards and worksheets in Tableau.
* Involved in designing ETL packages dealing with different data sources ( SQL Server, Flat Files, and XMLs etc.) and reloaded the data into target data sources by performing different kinds of transformations like Conditional Split, Derived Column, Data Conversion, Look Up, and Merge Join as required using SQL Server Integration Services (SSIS).
* Extracted Data from various Heterogeneous Databases such as Oracle and Access database, DB2, flat files to SQL server 2012using SSIS.
* Created SSIS packages and scheduled the jobs to run automatically to process the cube, load data.

**Environment:** Tableau Server, Tableau Desktop9.0/9.1, SQL Server, SSIS, Oracle, SQL, Excel, ServiceNow.

**Alliant Energy, Madison, WI  May 2015 – Oct 2016 Tableau developer**

**Responsibilities:**

* Interacted closely with the Business users along with the administration and management to gather the report business requirements, report types and report formats.
* Involved in Planning, Defining and Designing data based on business requirements and provide documentation.
* Developed parameter and dimension-based reports, drill-down reports and charts using Tableau Desktop.
* Created Tableau scorecards, dashboards using Cross tabs, Heat maps, Box and Whisker charts, Scatter Plots, Geographic Map, Pie Charts and Bar Charts and Density Chart, Gantt charts, Donut charts using show me functionality and calculation fields.
* Developed dashboards in Tableau Desktop and published them on to Tableau Server that allowed end users to understand the data on the fly with the usage of quick filters for on demand needed information.
* Implemented action filters, parameters, calculated fields and sets for preparing dashboards and worksheets in Tableau. Also used tooltip to show complex features in charts.
* Worked extensively with Advance analysis Actions, Calculations, Parameters, Trend Lines, Statistics and table calculations.
* Customized the tooltips and labels, to user understandable format, the numerical measure was changed to its appropriate formats like representing the revenue, expense and margins
* 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.
* Provided support once the dashboards were published if there were any data changes, system changes, or requirement changes.

**Environment:** Tableau Desktop, SQL, Microsoft Office Suite

**Virtusa, Hyderabad, India May 2012 - Mar 2015 ETL/ Tableau developer**

**Responsibilities:**

* Designed the OLAP, star schema in Informatica power center. Utilized complex SQL join statements to represent relationship between facts and dimensions and enhanced query performance by indexing foreign key fields.
* Developed of Informatica mappings Transformations and Mapplets using Source Qualifier, Filter, Lookup, Aggregator, Union, Router, Update Strategy etc.
* Performed Push Down Optimization tuning to enable faster data loads to SQL server.
* Generated data extracts in Tableau by connecting to the view using Microsoft SQL server connector.
* Created views in Tableau Desktop that were published to internal team for review and further data analysis and customization using filters and actions.
* Created Heat Map showing current subscribers by color that were broken into regions allowing business user to understand where we have most users vs. least users using Tableau. Built customer cohorts that represented leaving users and joining users yearly.
* Projected and forecasted future growth in terms of number of subscribers by developing Area Maps to show details on which states were connected the most and publishing it on Tableau Server.
* Created Bullet graphs to determine profit generation by using measures and dimensions data from Microsoft SQL Server and MS Excel.
* Developed the SQL Server Integration Services (SSIS) packages to transform data from SQL 2005 to MS SQL 2008 as well as Created interface stored procedures used in SSIS to load/transform data to the database.
* Designed DTS/SSIS packages to export and import data from SQL Server to MS Access, Oracle10g, InfoPath files, text files and Excel files.
* Scheduled the DTS package for migration data from old system to MS SQL 2008.
* Extracting the data from the different sources (CSV files, oracle, and MS SQL 2008) and stored the data into the intermediate Staging Database using the SSIS ETL tool.
* 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.
* 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.

**Environment:** Tableau Desktop, Tableau Server, SQL Server, SSIS, Informatica Power Center, Excel, SQL