**TRINADH REGULA**

**Data Analyst/Tableau Developer**

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### **SUMMARY**

* 6+ years of experience as a Business Data Analyst in Banking and Automotive Industries with proficiency in Business Requirement Gathering, Business Process Flow, Business Process Modeling, Data Analysis, Reporting and Manual Testing, etc., with a keen awareness of developers and end-users needs and able to deal with user groups at all levels efficiently.
* Strong knowledge of SDLC methodologies like Agile/Scrum and Waterfall.
* Highly experienced in all phases of Software Development Life Cycle (SDLC) including Requirements Gathering and Documenting to create BRD and FRD, Use Case Development, Deployment & Maintenance.
* Functioned as a primary liaison between the business line, operations and the technical areas throughout the project cycle.
* Working experience in back log grooming and prioritizing stories for Agile project executions.
* Working experience and strong knowledge in SQL queries.
* Experienced in understanding Business Requirements and translating them to Functional Requirement Specifications.
* Skilled in creating Data Mapping from Dimensional Models and ER Models
* Experience in reporting tools like Tableau, Excel Etc.
* Experience in Tableau to create visualizations on audit and compliance outcomes
* Proven ability to work under strict deadlines, prioritize and complete tasks. Open to dynamic work environment and ability to work collaboratively with business analysts, testers, developers and other team members in the overall enhancement of software product quality.
* Adept with application development Life Cycle Methodology and end-to-end software application implementation.
* Experience in creating and executing Test Plans and Test Scenarios.
* Perform tasks including but not limited to approval gathering, readiness assessments, and other artifacts and controls.
* Experienced in using MS Office extensively (Word, Excel, Visio, Power Point, Outlook, and Project) for calculations, graphs, analysis, presentation and documentation throughout the project.

### **PROFESSIONAL EXPERIENCE**

**Data Analyst/Tableau Developer**

**USAA, San Antonio, TX January 2019 – Present**

**Responsibilities:**

* Worked closely with project stakeholders, business SME’s for gathering requirements and specifications for the applications and preparing business requirements document.
* Perform Data Analysis inclusive but not limited through the utilization of SQL.
* Provide input into the creation of work assignments, target dates, and other aspects of assigned projects.
* Create test plans associated to assigned projects.
* Design and implement automated data validation procedures to identify inconsistencies and ensure data integrity across multiple data sources.
* Perform Data profiling, Data Mapping, Data Mining, and Data Quality checks to certify the data.
* Use WDesk to check audits and compliance governance for members.
* Use Tableau and excel to create visualizations on audit and compliance outcomes.
* Designed and implemented basic SQL queries for QA testing and report.
* Experience in creating process related workflow diagrams using Visio
* Identified various facts and dimensions from the source system and business requirements to be used for the data warehouse.
* Involved in Data Analysis & Data Mapping to track all data elements used in the application from the user interface through different interfaces to the target databases in which they are stored.
* Conducts testing to validate information displayed in presentation materials to ensure that data contained within charts and graphs are accurate by comparing to source files.
* Perform data validations that quantitative stress testing results contained within narratives are accurate by comparing to source data.
* Works with business partners across multiple lines of business to obtain source files and correct errors if found.
* Maintain data validation matrix and keeps an organized record of information.
* Gather, cleanse and transform data from multiple sources (Internal and External) from CRA and automate the process using Data Analysis Expressions (DAX) and power query editor in Excel to design dashboards that identify patterns and behaviors of the DFAST Quantitative stress testing monthly results.
* Design Database using normalization techniques to convert data into desired format which is used for answering ad-hoc queries, building dashboards etc.,
* Web-scrape the data from multiple websites to develop dashboards which analyzes peers’ (Other Financial Institutions) performance on identified KPIs and provide insights.
* Developing Tableau interactives dashboards to monitor KPIs related to overages, Shortages and Damages etc.
* Created queries to extract data from database for multi-dimensional analysis using Slice & Dice and Drill up/down functionality.
* Extensive experience in creating dashboards using calculations, parameters in Tableau.
* Develop, Organize, manage and maintain graphs, tables, slides and document templates for the efficient creation of reports.
* Created Advanced Dashboards with various Tableau Visualizations like Dual Axis, Bar Graphs, Dynamic doughnut charts, Scatter Plots, Pie-Charts, Heat Maps, Bubble Charts, Tree Maps, Funnel Charts, Box Plots, Waterfall Charts, Geographic Visualization and other making use of actions, other local and global filters according to the end-user requirement
* Use Web Data Connectors to gather the information from the Web-based applications and use that to create the dashboards that are used for various purposes
* Improvised existing Tableau workbooks by doing performance analysis, performance monitoring, and implementing the best practices in the development of dashboards. Involved in bug fixing, documenting, and moving the application through different environments
* Analyzed the database tables and created database views based on the columns needed.
* Created dashboards displaying sales, variance of sales between planned and actual values.
* Perform release management activities to support certification and deploy of code to production systems

**Environment:** Tableau 2021.1, Snowflake, Salesforce, SAS, SharePoint, JIRA, WDesk, VISIO, Teradata SQL Assistant, Oracle, Asana, MS Office.

**Business Data Analyst**

**Citizens Bank, Cranston, RI April 2017 – November 2018**

The project was about Podium Data Lake involved Acquiring, Ingesting and Enhancing structured data from Citizens operational and Master Data Systems into a centralized Big Data cluster, Big Insights. Main goal is to make internal daily snapshot data available from golden sources for use in analytics and reporting.

**Responsibilities:**

* Worked with Business Team and Technology Team in substantiating the System Requirement Specification Document.
* Worked on the requirements which involved sourcing 75+ identified sources internally as well as external vendors.
* Sourcing was done using Hadoop and the data profiling tool called Podium Data Lake. Understood and navigated through Podium to see if the desired filed and entities have been uploaded as per the requirements in both QA and Prod environment.
* Discussed and defined the project, did GAP Analysis with Data Trustee’s, Data Stewards, External Vendors and Architects from both Business and Technical perspective.
* Wrote QFIS with Functional Requirements and Non-Functional Requirements based upon the approved business requirements and other supporting documentation.
* Worked with the Development Team to make sure that they understood the User Requirements and that the system intended to meet.
* Maintained continuous communication with the Project Manager and Development Team in each stage of the Software Development Life Cycle.
* Worked on developing functional scenarios, process documents and creating functional specification documents.
* Analyzing raw data, drawing conclusions & developing recommendations also writing SQL scripts to manipulate data for data loads and extracts.
* Managed Requirements (Business as well as System Requirements) performed Requirements Analysis along with the creation of Use Case Scenarios.
* Engaged in analyzing requirements, identifying various individual logical components, expressing the system design through UML Diagrams.
* Worked with the manager on various activities like keeping track of Project Status, Deadlines and Compliance Issues.
* Provided support during development, testing and post-deployment.
* Created action filters, parameters and calculated sets for preparing dashboards and worksheets in Tableau.
* Implemented the User Level Test Scripts based on the Functional and Non-Functional Requirements.
* Developed and executed Test Cases compatible with HP ALM and based on the Use Cases for testing existing and new functionality of the TO-BE implemented stories.
* Created training plans for Business Users for various applications implemented.
* Worked with the Application Owners to resolve open tickets and addressed escalation delays/issues with managed services team thereby improving the SLA's and streamlined existing Business processes.
* Created a Data Mapping Document that tracked the various changes that were made in the development phase.
* Used MS Office tools for documentation; MS Visio for prototyping; analyzed data using SQL, Teradata SQL Assistant, and Oracle SQL Developer.

**Environment:** DataLake Podium 3.1.2, HP ALM 11.5/12.5, WinSCP, SharePoint, Teradata SQL Assistant, Oracle, MS Office.

**Business Data Analyst**

**Volkswagen of America, Auburn Hills, MI Feb 2016 – March 2017**

**Responsibilities:**

* Interacted with Business Owners, Users, and Stakeholders to identify Business System Needs, evaluated solutions for business problems, and followed Agile Methodology to prepare User Stories and defined the Acceptance Criteria (AC) for the same.
* Represented the business requirements in various alternative views such as analysis models, process flow diagrams and user stories.
* Extensively used tools like JIRA in development of stories and conducted backlog grooming sessions.
* Participated in User Experience Design and Business Process Design and thereafter interacted with the Design Team to help them create the designs and conducted gap analysis to identify the gaps between the requirements and the designs and documented the same.
* Co-ordinated the modules from inception through development and to implementation of the product.
* Created project documentation according to team standards, to allow stakeholder and technology team engagement and successful delivery.
* Interacted with business and technical professionals in multiple governance forums across delivery lifecycle.
* Created 40 IFS (Interface File Specifications) to ingest data from Source Systems to Data Lake in Big Insights.
* Extensively used HiveQL for extracting data from HIVE tables for data analysis using DB visualizer.
* Conducted User, Development Team and QA Team walkthroughs to bridge the gap and worked with Project Managers and Development Team to facilitate project delivery.
* Extensively used tools such as MS Visio, QC. ALM
* Designed Use Case Diagrams, Activity Diagrams, and Data Flow Diagrams to define the Business Process.
* Tracing requirements throughout the development process and verifying adherence using the Requirements Traceability Matrix (RTM)
* Conducted Joint Application Development (JAD) sessions to allow different stakeholders to communicate with each other, resolve problems at an early stage.
* Coordinated with the test team to check the Weekly Status and Report it to the Project Manager.
* Responsible for Interacting with the Developers to explain the proposed changes and ensure understanding of the system requirements to handle these changes.
* Worked with the Quality Assurance lead to develop detailed Test Plan and Test Cases. Created UAT Test Plans and Test Cases

**Environment:** IBM BI 4.1, Teradata 14, Oracle 12C, Informatica, JIRA, MS Project, MS Visio, MS Office, Windows 7, HP ALM, DB Visualizer