

# PRIYANKA BODEPUDI

**Talented SQL/ Certified Tableau developer with extensive experience in working with different Large-Scale Advanced Data Systems besides deep understanding and experience in Data Analysis, BI/Data warehousing, Data Mining, Data/ Dimensional Modeling, Data Mapping, Data Integration, Data Visualization generating reports and dashboards.** Extensive SQL, T - SQL, PL/SQL, Tableau and SSRS with initiatives that utilizes software and hardware components within a creative and technology-driven organization.

## AREAS OF EXPERTISE:

- Apply data analysis and software development skills to research, develop, and implement business intelligence, analytics, or reporting functionality. Make use of databases, programming languages, and business intelligence platforms or reporting tools to manipulate, extract, and organize data for intended purposes. Demonstrate expert understanding of and commitment to refreshing personal knowledge of technical trends, architectures, and software programs.
- Able to: Work closely with clients to understand their needs and create actionable plans for reports or dashboards
- **Expert in generating on-demand and scheduled reports for business analysis or management decision using SQL Server Reporting Services (SSRS), Tableau and Power BI Periodic reporting is done on a daily, weekly, monthly and quarterly basis which helps the client**
- **As a Tableau SME, responsible for the design, development and production support of interactive data visualizations used across the company.**
- Quantify and relate structured and unstructured data according to project, model, platform-specific, or research needs
- Analyze and obtain insights into large datasets by creating visually compelling and actionable dashboards or interactive reports
- **Expertise in Data Analysis, Data Extraction, Data Mining and Data Wrangling.**
- Enhance performance and/or scope of dashboards and reports through data blending and optimization of database objects
- Optimize relational/multidimensional databases and data modeling for OLAP and ROLAP
- Strong understanding of project life cycle and SDLC methodologies including Waterfall and Agile.
- Provide technical support, troubleshooting, report design, and monitoring of system usage in enterprise environments
- Migrate data, reports, and packages using variety of programming methods, analysis tools, and management services
- Create and update end-user documentation to support implementation and knowledge transfer
- **Experience in Data Warehousing and ETL Technologies. Strong understanding of databases (Oracle or SQL server) and windows/Unix shell scripting**
- Complete special projects, research requests, or ad hoc tasks as assigned by managers

## TECHNICAL SKILLS:

BI Tools:	Tableau (Server & Desktop), Power BI, Adv MS Excel
Databases:	Oracle, DB2, SQL Server, MySQL, Greenplum, Amazon Redshift
Querying Tools :	Aqua Data Studio, SQL* Plus, Toad, Oracle SQL Developer
ETL Tools:	ODI, Informatica, Alteryx

Data Modeling: ERwin, MS Visio  
Prog. Languages: PL/SQL, SQL, T-SQL, Java/J2EE, SAS, R, Python  
Scripting Languages: Unix Shell Scripting (Bash)  
Operating Systems: Windows, Linux (RHEL, CentOS)  
Analytical Tools: R, SAS Enterprise Guide, SAS E-Miner, Adv MS Excel

### **CERTIFICATIONS:**

**Tableau Desktop Specialist**

**Tableau Analyst**

### **EDUCATION:**

Master of Science in Data Analytics – Harrisburg University of Science and Technology

Master of Science in Informatics - University of Texas at El Paso Spring 2014

Bachelor of Science in Biotechnology - M.G.R. University, India May 2011

### **PROFESSIONAL EXPERIENCE:**

**Client: Morgan Stanley, NYC, NY**

**Sep 2017 – Present**

**SQL /Tableau Developer**

- **Primary activities included designing technology roadmap for Tableau; product installation and implementation development of insightful dashboards; serving as SME point of contact for Tableau and delivery of solutions adhering to BI industry best practices.**
- Proficient in BI Implementation cycle includes Analysis, Logical & Physical design, development, testing, migrating and implementing business solutions using Tableau, ODI/ETL & SQL tools
- Lead discussions with business partners to identify functional requirements resulting in development of system specifications and applications
- Manage the Data warehouse and provide database and data mining technical support
- Administer all aspects of development and production environments including security and performance tuning
- Ensure application stability and performance by monitoring existing production systems to ensure they are working correctly and that they reconcile with the system of record
- Interact with the existing database developers and DBA to understand the existing schema
- **Optimized the query performance in database with modification to SQL queries**, removing unnecessary columns, establishing necessary joins, creating useful indexes
- **Excellent SQL skills for daily testing of data using various SQL queries**
- As a Tableau SME, responsible for the design, development and production support of interactive data visualizations used across the company.
- Provide ad-hoc data analysis and support to business functions
- Solid experience in building interactive reports, dashboards, and/or integrating modeling results and have strong Data Visualization design skills and analytic background by using Tableau desktop

Environment: Windows 7, Linux, Tableau Desktop (10.x/2018.x/2019.x), Tableau Server (10.x/2018.x/2019.x), SQL, T - SQL, PL/SQL, Microsoft SQL Server, Cloudera Hadoop, DB2, Sybase IQ, Agile, Java, ODI 11g, JIRA, Aqua Data Studio, SharePoint and Microsoft Excel

**Client: Tiffany & Co., Parsippany, NJ**

**Mar 2017 – Sep 2017**

**Sr. Data Analyst / Tableau Consultant**

- Designed, developed and tested various Tableau visualizations for dashboard and ad-hoc reporting

- solutions by connecting from different data sources and databases
- As a Tableau SME responsible for the design, development and production support of interactive data visualizations used across the company
- Participate in client requirement discussions and suggest design and architecture for new interfaces
- Provide an end to end experience in designing and deploying reports/data visualizations using Tableau desktop and Tableau server; provided initial training to end users as needed
- Worked in Data Warehousing environment
- Lead discussions with business partners to identify functional requirements resulting in development of system specifications and applications
- Migrated existing Tableau reports to point to Amazon Redshift from SQL Server.
- Fine tuned SQL Queries for maximum efficiency and performance.
- Subject matter expert in supporting business applications, ensured system availability, security and audit controls and procedures are maintained and followed
- Identify and deal with problems as they arise, escalating and involving senior management where appropriate
- Administer all aspects of development and production environments including security and performance tuning
- Ensure application stability and performance by monitoring existing production systems to ensure they are working

Environment: Windows 7, Tableau Desktop (9.x/10.x), Tableau Server (9.x/10.x), Power BI, MySQL, Microsoft SQL Server, Amazon Redshift, SAP HANA, DB2, Agile, Java, Informatica, JIRA, Aqua Data Studio, and Excel

**Client: Goldman Sachs, New York, NY**

**Nov 2015-Mar 2017**

**Data Analyst / Tableau Developer**

- Collaborate with stakeholders, production teams, and other developers to gather business requirements, conceptualize solutions, plan work activity, and execute sprints to enhance or add functionality to business intelligence, analytics, and reporting systems. Design, develop, test, and provide deployment support for solution components.
- Participate in client requirement discussions and suggest design and architecture for new interfaces
- Research back-end systems development; analyze and tune database objects using SQL/PSQL in Aqua Data Studio
- Expertise in data preparation with experience in blending multiple data connections, and creating multiple joins across same and various data sources
- Manage the Data warehouse and provide database and data mining technical support
- Develop complex queries for Tableau dashboards and ad hoc analytical reports used by investors, issuers and traders
- Administered deployments and coordinated monitoring or job schedules on Tableau server
- Expert in connecting multiple data sources in Tableau Desktop to implement working reports
- Expert in developing Dashboards Scorecards, views, pivot tables, charts, for further data analysis using Tableau desktop
- Researched problems thoroughly to diagnose the root cause by pulling data from multiple Sources, Developed Reports and dashboards using Tableau
- Hands-on experience assisting users in creating and modifying worksheets and data visualization dashboards
- Responsible for creating SQL datasets for Tableau and Ad-hoc Reports
- Thorough analysis, unit testing and integrated testing with other applications of database objects & T-SQL statements before deployment to the production server.

Environment: Windows 7, Tableau Desktop 9.2, Tableau Server, MS Office, Aqua Data Studio, SQL server 2012, MySQL, Hive, SAP HANA, ODI, SecDB, Oracle Database, Teradata SQL Assistant, SSIS, SSRS, Python Agile Methodologies, Java, Microsoft Office Suite (Word, PowerPoint, Excel)

**Client: Direct Financial Solutions, Logan, UT**

**March 2015- Nov 2015**

**Position: Tableau Analyst**

- Collaborated with stakeholders and super users across multiple departments to build analytical reports detailing loan service activity. Gathered business requirements, met with client subject matter experts, and interfaced with users and project managers to understand processes and desired functionality for inclusion in reports. Built comprehensive performance reports that covered “big picture” while allowing for relevant drill down.
- Harnessed Tableau data blending feature and defined best practices for Report development
- Standardized BI function to create database layers with user-friendly views that powered Tableau reports and dashboards
- Expert in connecting multiple data sources in Power BI to implement working reports
- Manage the Data warehouse and provide database and data mining technical support
- Optimized query performance by modifying SQL, removing unnecessary columns, and creating efficient joins or indexes
- Expert in creating Dashboards Scorecards, views, pivot tables, charts, for further data analysis using Power BI desktop
- Fine-tuned SQL queries using optimizer hints for joins, parallelism, and execution plans
- Developed and reviewed SQL queries with use of joins clauses (inner, left, right) in Tableau Desktop to validate static and dynamic data for data validation.
- Improved quality of work by creating unit test plans to be executed prior to QA handover
- Migrated existing SAS reports into Tableau and build new reports using SQL Server database

Environment: Windows 7, Tableau Desktop 9.0, Tableau Server, Power BI, MS Office, MS Visual studio 2013, SVN, SQL server 2012, MySQL, Oracle Database, Teradata, C#., SSIS, Agile Methodologies and JavaScript.

**Client: WellCare Inc., Tampa, FL**

**Jun 2014- March 2015**

**Position: Tableau BI Analyst**

- Developed ad hoc reports, performance reports, drill-down reports, matrix reports, charts, and tabular reports using Tableau
- Expert in creating multiple kinds of Report in Power BI and presented them using Story Points
- Executed, tested, and provided support for queries and reports; provided initial training to end users as needed
- Administered users, user groups, and scheduled instances of reports in Tableau Server
- Worked in Data Warehousing environment
- Integrated Hadoop technology to resolve data storage issues and improve scalability with massive volumes of data
- Created new reports to highlight high cost members for Florida market at state, regional, IPA, and PCP levels
- Created joins and sub-queries for complex queries involving multiple tables.
- Developed geographic maps that broke down demographic data of content audience across all content providers
- Analyzed time series budget vs. actual data and combined within dashboard showing customers by line of

business

Environment: Windows Server 2012, Tableau Desktop 8.2, Tableau Server, Power BI, Hadoop, Greenplum, MySQL, Oracle Database, SAP HANA, Informatica, MS-Access, MS Excel and JavaScript.

**Client: SONATA SOFTWARE LTD, India**

**June 2011 – Aug 2012**

**Position: Data Analyst**

- Interacted with business users and performed Gap Analysis of Client requirements.
- Involved in reviewing business requirements and analyzing data sources from Excel/Oracle SQL Server for design, development, testing, and production rollover of reporting and analysis projects within Tableau Desktop.
- Designed and implemented proof of concept solutions and created advanced BI visualizations using Tableau platform.
- Installing, configuring and upgrading of tableau worker servers.
- Created views in Tableau Desktop that were published to internal team for review and further data analysis and customization using filters and actions.
- Worked closely with business power users to create adhoc reports/complex dashboards using tableau desktop.
- Tableau server maintenance, Tableau server backup activity.
- Created users using Tableau Admin and assigning privileges to create report/publishing reports to server.
- 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.