Jignas Reddy Matta

+1 770-734-6809 | **delvin@srsoftinc.com**

# Profile Summary

* Over 8 years of experience in various domains as a Data Analyst.

• Experience in developing and deploying projects for Predictive Modelling, Data Validation, Data Acquisition, Data Visualization, and Data Mining with large datasets of Structured data.

• Passionate about cleaning insightful information from massive data assets and developing a culture of sound, data-driven decision making.

• Solid ability to write and optimize diverse SQL queries, working knowledge of RDBMS like MySQL, SQL Server, and PostgreSQL.

• Proficient in using editors Eclipse, Jupyter, PyCharm, Vim, Sublime and Spyder, and Notepad++.

• Experience in writing TSQL (DDL, DML, AND DCL), developing/creating new database objects such as tables, views, indexes, complex stored procedures, function (UDF), cursors, and triggers, locking issues, BCP, and common table expressions (CTEs).

• Experienced in developing Power BI reports and dashboards from multiple data sources using data blending.

• Created different Power BI reports utilizing the desktop and the online service and schedule refresh.

• Assist end users with problems installing the Power BI desktop, installing, and configuring the Personal and On-Premises gateway, connecting to data sources, and adding different users.

• Proficient in Installation, Configuration, Patch Installation, Migration, Upgrades, Backup and Recovery, Cloning, Replication, Database Security, Memory Management, Data Modeling, Performance Monitoring, and Tuning of Oracle and PostgreSQL Databases.

• My typical day-to-day activities include database support, research, process automation, documentation, database performance tuning, backup/recovery, moving data as required by the client’s needs, and database security.

• Experience with data analytics, data reporting, Ad-hoc reporting, Graphs, Scales, pivot tables, OLTP, and OLAP reporting.

• Proficient in creating Triggers, Tables, Stored Procedures, Functions, Views, Indexes and Constraints.

• Experience in visualization tools like Tableau, and Power BI for creating reports and dashboards.

• Extensive experience in querying languages using SQL, R, and SAP BI.

• Proficient in Data Analysis with sound knowledge in the extraction of data from various database sources like MySQL, PostgreSQL, Oracle, SAP BI, and other database systems.

• Worked in creating different Visualizations in Tableau using Bar charts, Line charts, Pie charts, Maps, Scatter Plot charts, Heatmaps and Table reports.

• Experienced in working with Agile-based SDLC (Scrum) and Waterfall software development life cycle.

• Technically sound data analyst with strong analytical, organizational, troubleshooting, and problem-solving skills

• Ability to use data modeling tools to perform model diagnostic work and to process and analyze large quantities of data.

• Experienced in defining business problems and requirements, formulating approaches, applying advanced modeling techniques, and presenting analytic solutions to technical and non-technical audiences.

• Proficient in designing visually impactful dashboards using Tableau and creating pivot tables/charts using Excel to find and demonstrate interesting insights.

• Experienced in working with various Python Integrated Development Environments like Spyder, PyCharm, and Jupyter.

• Experienced in Scrum stories and sprints in a SAS and Python-based environment.

• Data Enthusiast with a high aptitude for critical thinking and a strong desire to learn new technologies.

• Passionate about staying abreast of the industry’s advancements in the quantitative modeling and measurement of risks.

• Ability to effectively work in collaborative multiple-project team environments.

# Skills & Abilities

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| **GUI & Reporting Tools** | Tableau , Power BI |
| **Data Modeling** | Power Designer, Pivot tables |
| **Predictive Analytics** | Decision tree, Interactive decision tree, linear and logistic regression |
| **Databases** | Oracle 11g, 10g, MySQL, MS Access |
| **Operating System** | Unix, Mac OS, and Windows, |
| **Machine Learning** | Python, SQL, R Programming, My SQL, DB2, |
| **Web Technology** | AWS S3, HTML, CSS |
| **Other tools** | Tableau, SAP Net Weaver, SAP Business Intelligence, SQL Developer, TOAD, JIRA, Confluence, MS Excel, SSIS, SSMS |
| **Rdbms** | PostgreSQL from 8.4.X to 11. X, Oracle 10g, 11g,12c, PostgreSQL 9.5,10,11 |

# Certifications

# Tableau Desktop Certified Professional

# Tableau Certified Data Analyst

# Cloudera Certified Data Analyst

# Microsoft Certified Data Analyst

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# Experience

## Data analyst | Verizon | IRVING, TX | 2 march 2022 – present

* Worked closely with the Business owners to gather their needs.
* Took part in extraction, aggregation, and quality assurance of data from multiple sources in support of performing operational reporting, client reporting, and quantitative analyses of utilization and healthcare costs.
* Developed Visualizations in Tableau to analyze the performance of territories for Specialty Pharmacy cases by various metrics that would help sales reps and organization to strategize their approach accordingly.
* Decreased the customer/patient dropout to 8% with an average increase in shipping rate by 11% and number of shipping days down by 3 days with the strategy that developed through the analytical numbers.
* Provide analytical support to the **Operational analytics team** of **MAPMG** in developing methodologies for strategic decision-making to improve business processes and operations.
* Apply business analytics to define, identify, and obtain source data from various sources. Design and develop **ETL** processes.
* Perform data extraction, manipulation, and mining on patient encounter and diagnosis data using **Python**, **SAS,** and **SQL**.
* Analyze healthcare processes and claims data and provide business insights to improve healthcare programs using business intelligence tools.
* Explain data, data scope, and impact of data changes to various reporting teams to help non-technical, internal customers to drive their analytics and reporting.
* Generate ad-hoc and scheduled reports to improve healthcare services and operational efficiencies using Tableau.
* Automate scheduled reports using **SAS macros** and publish reports on the **Tableau** **server**.
* I have performed cross-platform migrations preferably from Oracle to PostgreSQL. I documented and assisted as an ORACLE DBA in performing Data MIGRATION from ORACLE Databases to PostgreSQL database in AWS RDS Cloud.
* I have been involved in Installing/configuring PostgreSQL. Mainly T Postgres VERSIONS 9.5, 9.6, 10 and 11
* Developed process and outcome metrics to identify bottlenecks and effectively helped reduce departmental net loss by **40%** using **SAS** and **Tableau**.
* Engineered covid reemergence tool to estimate demand and plan the reopening of MAPMG medical centers using **Python**.
* Designed and developed a tableau dashboard that monitors providers’ performance metrics in the CHF healthcare program and improved the overall efficiency of the workflow by over **15%**.

## Data analyst | capital ONE | CHICAGO, IL | 23 NOVember 2019 – 15 feb 2022

* Acquired data from primary or secondary data sources**.**
* Loaded data by converting CSV files into corresponding database tables**.**
* Worked with the management team to create a prioritized list of needs for each business segment.
* Developed various reports using best practices and different visualizations like Bars, Lines and Pies, Maps, Scatter plots, Histograms, Bullets, Heat maps, and Highlight tables.
* Monitored and resolved issues of data flow daily. Also created views for reporting team to use data for marketing numbers on a daily basis.
* Developed SSIS package to Export and Import data from SQL Server to Access, Text, and EXCEL files.
* Developed and implemented metadata models for reporting functionalities and developed automated processes for data corrections.
* Worked deeply in Calculations, Parameters, Maps, Trend Lines, Statistics, Groups, hierarchies, and sets to create detail-level summary reports and Dashboard using KPIs.
* Performed Logical backup of critical application databases using EXPDP/IMPDP with scheduled jobs (Cron Job).
* Responsible for creating **RMAN catalog Database and Registering the Databases in Catalog Database and Cloned production RAC instances to development and QA systems using RMAN duplication.**
* Verified and tested Dashboards to ensure data matching as per the business requirements.
* Supported the **Decision Analytics team** in reviewing potential factors of risks involved in running capital one’s charge sales programs.
* Tested and validated data attributes based both on source data and results from financial reports to assure the data accurately reflects the source system and business needs.
* Analyzed customer behavior to calculate the potential risks involved in using SAS and identified potential fraudulent behavior.
* Compiled reports using **SAS** and **SQL** and proposed solutions to the management to tackle fraudulent transactions.
* Automated scheduled reports using **UNIX** shell and **SAS Macros.**
* Worked with business units to troubleshoot and research data issues.
* Generated interactive ad-hoc and scheduled reports based on business requirements for corporate using **Tableau** and **Excel**.
* Gathering the requirements and writing the ad-hoc SQL query batches to update the data and metadata for delta and history loads.
* Utilized (Power **BI, Pivot/View)** to design multiple scorecards and dashboards to display information required by different departments and upper-level management.
* Created data marts and multi-dimensional models like Star schema and Snowflake schema.
* Implemented several **DAX**functions for various fact calculations for efficient data visualization in **Power BI**.
* Designed complex data-intensive reports in **Power BI**utilizing various graph features such as gauge, and funnel for better business analysis.

## data ANALYST | CAPGEMINI, CHENNAI, INDIA | nov 2018– OCT 2019

* Developed complex SQL queries, and perform execution validation for remediation and Analysis.
* Designed a Data Quality Framework to perform schema validation and data profiling.
* Used advanced MS Excel to create Pivot table and Pivot reports
* Increased website usage and usability by using analytics to determine content and site organization updates.
* Ensured Web content accuracy and taxonomy through the development and analysis of end-user feedback channels.
* Create reports using analysed output data, export them to SharePoint. So that end users will have
* Access to the reports over the Internet.
* Extensively read different forms of Input files like CSV and other formats using In-file, Proc Import.
* Developed various reports using best practices and different visualizations like Bars, Lines and Pies, Maps, Scatter plots, Histograms, Bullets, Heat maps, and Highlight tables.
* Worked with key business data to understand and analysed the customer data, Created Visualizations in Tableau using Excel, and SharePoint data.
* Developed ETL Code Using Talend Cloud Big Data Solution and scheduled it through AWS Lambda.
* Worked on converting complex Map Reduce job into a PySpark application.
* Created PL/SQL stored procedures, functions, and packages for moving the data from the staging area to the data mart.
* Broadly dealt with UNIX Shell Scripting for a parting gathering of records to different little documents and document move mechanization.
* Involved in working with Windows, UNIX/LINUX stage with various advancements, for example, Big Data, SQL, XML, HTML, Shell Scripting, etc.
* Provide guidance to the development team dealing with PySpark as an ETL stage.
* Expert in providing ETL solutions for any type of business model.
* Involved in testing the SQL Scripts for report development, Tableau reports, Dashboards, and Scorecards and handled the performance issues effectively
* Based on the ad-hoc requests, create various reports and datasets (Excel)
* Prepared web statistics for the Program on a regular basis.

## jr.data ANALYST | CAPGEMINI | Hyderabad, inDIA | nov 2016– nov 2018

* + - * Worked on client-specific tools to enrich the catalogues and launch the websites on a PDE (Plug-In Development Environment) build on AWS cloud and delivered using Agile Methodology.
* Worked with business requirements analysts &amp; SMEs to identify and understand requirements.
* Conducted data analysis to evaluate data sources to determine the best source for business information.
* Developed complex SQL queries, and perform execution validation for remediation and Analysis.
* Analyzed the Data and Created Tableau visualizations to show Daily Exec Summary, Daily KPI, and other reports.
* Looked after the Tableau Server in managing the Subscriptions and Scheduling of the reports.
* Involved in training the end user on how to access the reports from the Tableau server.
* Created Sites, Projects, and Groups on the Tableau server for better management of the user from different product groups.
* Enhanced the previous dashboards with effective formatting like using the color combination using containers and making interactive tooltips.
* Analyzed the data from different data sources and created a Tableau Dashboard which will help the client in understanding the Budget health, Status, Duration, and many more attributes of a project.
* Created customized color palettes and tooltips according to the Clients requirement enhance the dashboards.

## technical analyst INTERN | DSA | Hyderabad, inDIA | aug 2015– OCT 2016

* Worked on Project-Outages and Risk Assessment Analysis which included data fields like Outages, Causes, Performance, Risks, etc.
* Used Visual analytics to understand the relationships between variables.
* Interpreted the findings at each step from business sense as well.
* Reported the analytics results, insights and recommendations which helped the firm to take actions to avoid the outages and assess the Risks involved with outages.

# Education

Bachelor’s in computer science | SR INTERNATIONAL INSTITUE OF TECHNOLOGY, INDIA – COMPLETED 2015