


# Vineeth Reddy Maadugula

## BI Developer

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### Profile

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Business Intelligence Developer with 5+ years of expertise in transforming complex datasets into actionable insights through Tableau and advanced BI solutions. Proven ability to lead dashboard development, conduct exploratory data analysis, and collaborate with cross-functional teams to drive business outcomes. Adept at optimizing performance, ensuring best practices, and mentoring peers to foster a culture of continuous improvement and data literacy.

### Skills

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BI Tools	Tableau Desktop, Tableau Server, Looker, Power BI.
Data Warehouses	Snowflake, Databricks.
Databases	PostgreSQL, Oracle, Teradata, My SQL & SQL Server.
Cloud Platforms	AWS, GCP & Azure.
ETL Tools	Talend, Informatica & MS Visual Studio.
Programming Languages	SQL, Python, Scala, HTML, CSS & JavaScript.
Source Control	Git, GitHub & GitLab.
Operating System	Mac OS, Windows, LINUX, Solaris.

### Professional Experience

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#### Software Engineer, Walmart

Aug 2023 – Present | Remote, USA

- Experienced in requirement gathering/analysis, design, development, testing and production rollover of reporting and analysis projects.
- Produced attractive dashboards/visuals to convey the story inside the data.
- Involved in troubleshooting of performance issues which were associated with Tableau reports.
- Also involved in administration tasks such as publishing workbooks, settings permissions, managing ownerships, providing access to the users and scheduled instances for reports in tableau server
- Responsible for Developing Dashboard and preparing ad-Hoc Reporting.
- Involved in the implementation of key Business rules in transactional table, to optimize the performance at Tableau Business reports.
- Involved in creating database objects like tables, views, procedures and to maintain data efficiently.
- Participated in daily stand-ups with clients on daily design and development.
- Re-Arch of existing Business Dashboards with increased performance.
- Extensively used calculated fields to write the conditions to perform Year over Year, Month over Month, YTD, QTD and MTD analysis.
- Developing complex calculated fields for the business logic, field actions, sets, and parameters to include filtering Capabilities for the dashboards, and to provide drill down features for the detailed reports.
- Successfully created user guide for the Project layout.

#### Software Engineer, Carelon Global Solutions

Jan 2021 – July 2022 | Hyderabad, India

- Building, publishing customized interactive reports and dashboards, report scheduling using Tableau server.
- Involved in developing and maintaining ETL (Data Extraction, Transformation and Loading) mappings using Microsoft Visual Studio to extract the data from multiple source systems that comprise databases like SAP, Oracle 10g, SQL Server 7.2, flat files to the Staging area and then to the Data Marts.
- Involved in the implementation of key Business rules in transactional table, to optimize the performance at Tableau Business reports.

- Tested, Cleaned, and Standardized Data to meet the business standards using Execute SQL task, Conditional Split, Data Conversion, and Derived column in different environments.
- Developed Tableau workbooks to perform year over year, quarter over quarter, YTD, QTD and MTD type of analysis.
- Participated in daily stand-ups with clients on daily design and development.
- Re-Arch of existing Business Dashboards with increased performance.
- Prepared Technical Design Documents to make the understanding of Dashboards.
- Developing complex calculated fields for the business logic, field actions, sets, and parameters to include filtering Capabilities for the dashboards, and to provide drill down features for the detailed reports.
- Created advanced visualizations like Funnel Chart, Donut Chart, Waterfall chart, Slope graph.
- Maintenance and scheduling of Tableau Data Extracts using Tableau Server.
- Created a Tableau Dashboards User Guide for Project layout.

#### **Tableau Developer, T-Mobile**

Mar 2019 – Dec 2020 | Hyderabad, India

- Involved in creating database objects like tables, views and procedures to provide definition, structure and to maintain data efficiently.
- Involved in developing and maintaining ETL (Data Extraction, Transformation and Loading) mappings using Microsoft Visual Studio to extract the data from multiple source systems that comprise databases like SAP, Oracle 10g, SQL Server 7.2, flat files to the Staging area and then to the Data Marts.
- Fine-tuned SQL Queries for maximum efficiency and performance.
- Strong hands-on experience implementing dash boarding, data visualizations, and analytics using Tableau desktop and Server.
- Created Tableau Dashboards with interactive views, trends and drill downs along with user level security.
- Thorough analysis, unit testing and integrated testing with other applications of database objects & T-SQL statements before deployment to the production server.
- Developed Tableau workbooks to perform year over year, quarter over quarter, YTD, QTD and MTD type of analysis.
- Re-Arch of existing Business Dashboards with increased performance.
- Prepared Technical Design Documents to make the understanding of Dashboards.
- Developing complex calculated fields for the business logic, field actions, sets, and parameters to include filtering Capabilities for the dashboards, and to provide drill down features for the detailed reports.
- Maintenance and scheduling of Tableau Data Extracts using Tableau Server.
- Participated in daily stand-ups with clients on daily design and development.

#### **Education**

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**Master of Science, University of Central Missouri**

**Bachelor of Engineering, SR University**