



## Summary

Experienced data analyst with over three years of analytical expertise, specializing in data modeling, ETL solutions, and data visualization. Successfully delivered high-impact projects in the public health and education sectors, enhancing operational efficiency and decision-making.

## Work Experience

### System Project Analyst

**May 2024 - Present**

State of Florida Department of Health [Division of Emergency Preparedness and Community Support]

Florida, USA

- Designed, formulated, and tested QlikView dashboards for EMS, improving statewide submission monitoring; progressed data quality and key metrics tracking, leading to a 30% increase in performance measure accuracy.
- Architected a comprehensive three-layer framework for data extraction, transformation, and visualization, seamlessly incorporating SQL Server and external sources (XML, CSV, JSON) into QVDs; enhanced data accurateness and decreased reporting time by 35%
- Developed Qlik Sense measures using Qlik's scripting for precise data shaping and numerical calculations, resulting in the creation of interactive dashboards that increased data visualization and decision-making efficiency by 15%.
- Conducted unit, integration, and user acceptance testing (UAT), maintained Qlik Sense dashboards, regulated user access roles, and formulated Proof of Concepts (POC) using QlikView.
- Generated ad hoc reports for managers on a weekly basis using SQL Server and Excel, leading to a 20% increase in decision-making efficiency.

### System Project Consultant

**Oct 2023 – May 2024**

State of Florida Department of Health [Division of Medical Quality Assurance]

Florida, USA

- Collaborated with stakeholders to gather data and document functional requirements, aligning with business needs.
- Employed Microsoft Visio for process flows and workflow charts, reducing project delivery time by 10% and increasing client satisfaction by 15%.
- Coordinated user testing sessions, gathered feedback, and made responsive adjustments, achieving high end-user satisfaction.
- Optimized Oracle SQL queries and operated DAX formulas to create Power BI reports and dashboards, which amended data retrieval speed by 40% and ensured 99% data accuracy and quality.

### Data Advisory Assistant

**Nov 2022 - May 2023**

George Mason University

Virginia, USA

- Extracted and analyzed student cohort data from platforms like SurveyMonkey, Google Forms, Microsoft Forms, and GMU's internal database, resulting in a 25% increase in data processing efficiency.
- Queried master student database using PostgreSQL and applied Python libraries for data manipulation and visualization, achieving 95% compliance with GMU's data governance policies and improving data accuracy by 20%.
- Developed 6 Power BI reports and dashboards to predict student cohort trends, enhancing data-driven decision-making and demonstrating proficiency in Microsoft Office tools and agile methodologies.

### Data Analyst

**Feb 2020 - Apr 2021**

Solvix Digitech LLP

India

- Participated in sprint planning, daily stand-ups, and retrospectives, enhancing project alignment by 25% and improving team performance by 20%.
- Extracted data from SQL Server databases, crafted summary tables, and used custom SQL queries for data visualization and reporting in Tableau Desktop, reducing reporting time by 35%.
- Published 4 workbooks with user filters, cross-validated report standardizations with Solvix data standards, and partnered with business analysts and project managers for cross-functional implementation, ensuring 98% accuracy in report standardizations.

## Skills

**Working Environments:** Agile, Waterfall

**Programming:** Python (NumPy, Pandas, Matplotlib, SciPy, ggplot2, Scikit learn, PySpark, Keras, TensorFlow), R, SQL, SAS

**IDEs & Operating Systems:** Visual Studio Code, PyCharm, Windows, Linux

**Analysis Tools:** Qlik Sense, Qlik View data [QVD's], Power BI, Tableau, Advanced MS-Excel

**Database:** MySQL, SQL Server, Mongo DB, PostgreSQL

**Cloud Technologies:** Azure, Azure Virtual Machine

**Other Skills:** Google Suite, MS-Office Suites, MS-Visio, JIRA, Zendesk

## Education

**George Mason University**

**- May 2023**

Master's in Data Analytics Engineering

Fairfax, VA

**Gokaraju Rangaraju Institute of Engineering & Technology**

**- Jul 2021**

B.Tech, Computer Science & Engineering,

India