

Lalitha Samyuktha Jayanthi

+91 7569606146

samyukthajayanthi09@gmail.com

Visakhapatnam

Value Proposition

Data Science graduate with a passion for data engineering and business intelligence. Proficient in Tableau for impactful visualizations, advanced SQL for querying and data manipulation, and Python for ETL processes. Eager to contribute by driving innovation through technical expertise and a relentless focus on quality. Strong team player with excellent communication skills and a positive attitude.

Education

- B. Tech | CSE-Data Science | Avanthi Institute of Engineering and Technology | 2025 | 7.88 CGPA
- Intermediate | Sri Chaitanya Jr. College | 2021 | 9.12 CGPA
- Tenth | Sri Chaitanya School | 2019 | 9.5 CGPA

Technical Proficiencies

- Business Intelligence Tools:** Tableau Desktop, Power BI Custom SQL, Data Visualization, Blending & Relationships
- Programming & Databases:** SQL (Joins, Relationships, Querying), Python, ETL Processes
- Additional Technical Skills:** Snowflake (Basic), Statistics, Troubleshooting & Debugging, Root Cause Analysis
- Soft Skills:** Requirements Gathering, Team Collaboration, Communication, Self-Motivated, Continuous Improvement
- Other:** Data Modeling, Report Customization, Performance Optimization.

Projects

- Interactive Business Intelligence Dashboard for Retail Analytics**
 - Designed and developed a Tableau-based dashboard to analyze retail sales data from multiple databases, incorporating advanced SQL queries for data extraction and custom SQL for blending datasets.
 - Created impactful visualizations including heat maps, bar charts, and trend lines to highlight key metrics like sales performance and customer behavior, resulting in 30% faster insight generation during testing.
 - Performed root cause analysis on data discrepancies, troubleshooting issues with joins and relationships to ensure accuracy; integrated Python scripts for ETL processes to automate data loading.
 - Demonstrated requirements gathering by converting simulated business needs (e.g., inventory optimization) into a workable model, with debugging for data controls and performance tuning.
 - Technologies:** Tableau, SQL, Python, ETL.
- Healthcare Data Reporting System with Real-Time Insights**
 - Built a reporting system using Tableau and SQL to query and visualize patient data from diverse databases, focusing on advanced SQL techniques like complex joins and relationships for data integration.
 - Developed custom SQL scripts to pull desired data, blended sources in Tableau for comprehensive views, and added statistical analysis to identify patterns in health metrics.
 - Assisted in defining technical requirements by collaborating with a team of 4, performing troubleshooting and debugging to resolve data control issues, ensuring high availability and capability.
 - Incorporated Python for ETL automation and basic Snowflake-inspired data warehousing concepts for scalable storage.

3. Financial Data Analysis Tool for Stock Market Trends

- Created a tool using Tableau for visualizing stock market data, leveraging advanced SQL for querying APIs and databases, with custom relationships to blend real-time and historical data.
- Implemented ETL pipelines in Python to handle data ingestion and transformation, including statistical modeling for predictive insights.
- Conducted root cause analysis on visualization errors, debugging data flows, and optimizing for performance in a client-like environment.
- Converted business requirements (e.g., risk assessment) into interactive reports, emphasizing coordination, testing, and continuous improvement.
- **Technologies:** Tableau, SQL, Python, Statistics, ETL.

Internships & Simulations

- AI Intern – AIMER Society | 8 Weeks
- ML Intern – Indian Servers | 8 Weeks
- Data Science Intern – Yhills | 8 Weeks
- Data Science Intern – Prodigy | 4 Weeks
- Job Simulation – TCS | Forage Platform

Certifications

- Tableau Desktop.
- Python for Data Science by IBM Skills Build.
- Azure fundamentals by Microsoft.
- SQL by Oracle.
- Java by Oracle.
- SQL for Data Analysis
- Google Cloud Gen AI
- Data Analytics by Jobaaj Learnings.

Professional Attributes

- Languages: English, Hindi, Telugu
- Interests: Continuous learning in big data technologies and cloud computing; active in tech communities for skill development.