

# Lalitha Samyuktha Jayanthi

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## Summary

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Recent graduate with a Bachelor's in Computer Science, specializing in Data Science, with a strong foundation in data analysis, visualization, and computational methods. Passionate about identifying business needs and building analytical tools using Python, SQL, and cloud technologies. Developed multiple projects focused on data structures, lifecycle management, and test strategies to deliver business use cases. Eager to apply problem-solving skills and knowledge of emerging trends in data analytics to contribute to innovative solutions in an entry-level role.

## Skills

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Data Analysis & Visualization: Strong foundation in analysis, reporting, and platforms like Power BI, Tableau

Programming & Tools: SQL, Python, R, PySpark, Azure Data Factory, Databricks

Analytical Skills: Problem-solving, critical-thinking, test strategy development

Soft Skills: Collaborative teamwork, effective communication of insights, stakeholder management

Other: Data structures design, lifecycle management, emerging tech trends (e.g., vector databases, real-time analytics)

## Projects

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### Analytical Tool for Business Insights (Python, SQL, PySpark)

Identified business requirements for a simulated e-commerce dataset, scoped priorities through information gathering, and designed flexible data structures for structured and unstructured data.

Developed data flow mechanisms for maintenance, storage, and retrieval, incorporating parameters for various data types to meet business needs.

Created test strategies and procedures to verify performance, load, and volume specifications, ensuring delivery outcomes for business use cases.

### Data Lifecycle Management System (Azure Data Factory, Databricks)

Monitored emerging technology trends in cloud analytics and integrated them into a project for structured data gathering on new services.

Developed guidelines and processes for data handling across lifecycle stages, including advice on resolving data breaches in ambiguous contexts.

### Data Visualization Dashboard for Trend Analysis (Tableau, Power BI)

Built interactive dashboards to visualize and report insights from large datasets, focusing on problem-solving and critical-thinking to derive actionable outcomes.

Managed simulated stakeholder expectations by aligning visualizations with organizational objectives, communicating insights effectively across teams.

## Certifications

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Microsoft Azure AI Fundamentals.

Google Data Analytics .

SQL for Data Analysis.

Data Analytics by Jobaaj Learnings.

SQL by Oracle.

Google Cloud Gen AI.

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