

Lalitha Samyuktha Jayanthi

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Summary

A Data Science graduate in Bachelor of Technology with a strong foundation in data analytics, and visualization tools. Passionate about leveraging Power BI for insightful dashboards and business intelligence solutions. Demonstrated expertise through hands-on projects involving data integration, ETL processes, and interactive reporting. Eager to contribute to technology-enabled solutions in a diverse and inclusive environment. Proficient in Python, SQL with a focus on big data technologies and cloud computing.

Skills

Programming & Querying: SQL, Python, ETL Processes

Data Visualization Tools: Advanced MS Excel, Power BI, Tableau

Analytical Abilities: Data Cleaning, Exploratory Data Analysis (EDA), Insight Generation, Descriptive Statistics

Projects

Interactive Sales Dashboard in Power BI

- Designed and implemented a dynamic dashboard for analyzing sales data from multiple sources, incorporating DAX formulas for custom metrics like year-over-year growth and customer segmentation.
- Integrated data from SQL databases and Excel files using Power Query for ETL, resulting in real-time visualizations.

Technologies: Power BI, SQL, Python for data preprocessing.

Real-Time Analytics Platform with Azure Databricks and Power BI

- Built an end-to-end analytics solution for processing streaming data from IoT sensors, using PySpark for data transformation and Azure Data Factory for orchestration.
- Created Power BI reports with live data connections, enabling predictive insights on equipment performance and anomaly detection.

Technologies: Azure Databricks, PySpark, Power BI, SQL.

Customer Churn Prediction Dashboard

- Developed a machine learning-integrated dashboard in Power BI to predict customer churn using historical data, incorporating Python scripts for model training within the Power BI environment.

Technologies: Power BI, Python (Scikit-learn), Azure Data Factory.

Certifications

Microsoft Power BI Data Analyst Associate.

Microsoft Azure Fundamentals.

Data Analytics by Jobaaj Learnings.

SQL by Oracle.

Google Cloud Gen AI.
