Yallamati Satyam Babu

Data Analyst

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SUMMARY

Aspiring Data Analyst (B.Tech IT, 2025) with hands-on experience in SQL, Python, Power BI, and Excel. Skilled in data cleaning, transformation, visualization, and statistical analysis to drive business insights. Proven ability to build interactive dashboards, optimize queries, and perform trend analysis for decision-making. Strong communicator with experience leading hackathons and delivering data-driven solutions

EDUCATION

KKR & KSR INSTITUTE OF TECHNOLOGY& SCIENCES - *Bachelors, Information Technology - (GPA: 7.91)* **2021 — 2025**

NRI Junior College - *Intermediate, MPC - (GPA: 7.95)* **2019 — 2021**

Aditya High School - *High school diploma, SSC - (GPA: 7.8)* **2018 — 2019**

SKILLS

Data Analysis	:	Data Cleaning, Transformation, Validation, Trend Analysis, EDA, Statistical Analysis
Visualization Tools	:	Power BI, Tableau, Excel (PivotTables, Charts, Dashboards)
Programming & Databases	:	Python (Pandas, NumPy, Matplotlib), SQL (Joins, CTEs, Query Optimization), MongoDB
Version Control	:	Git/GitHub, Jupyter Notebook
Interpersonal Skills	:	Data Storytelling, Stakeholder Communication, Collaboration, Problem-Solving, Attention to Detail

PROJECTS

Power BI Sales Dashboard, Link
- Developed an interactive sales dashboard analyzing revenue, profit, and customer trends across multiple regions.
- Designed KPIs and implemented DAX measures with drilldowns for product and regional analysis.
- Improved reporting efficiency by 40% through automation and visualization.

Excel Bike Buyers Analysis Dashboard, Link
- Cleaned and transformed 1,000+ customer records to analyze demographics and purchase behavior.
- Built an interactive Excel dashboard using PivotTables and charts for actionable insights.
- Identified key income and age factors influencing purchases, enabling 15% improvement in targeting strategy.

Super Cluster - Distributed Data Processing System
- Designed and implemented a modular computing cluster for distributed data processing.
- Developed task scheduling, inter-node communication, and data synchronization mechanisms.
- Improved system performance and ensured fault tolerance & scalability for large workloads.

CERTIFICATIONS

Programming in Java -NPTEL **Jan 2023**

Python -Hackerrank **Jul 2024**

SQL- Hackerrank **Jul 2025**

ACHIEVEMENTS

Team Lead in college Hackathons
Team Lead in college hackathons, delivering data-backed solutions through inspection, validation, modeling, and visualization of datasets

Participated in Ideathon
Participated in ideathons, applying data-driven approaches to problem-solving and presenting insights that supported decision-making and business growth