

# 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 deliver actionable business insights. Proven ability to build interactive dashboards, optimize queries, and conduct trend analysis to support data-driven decision-making. Strong communicator with experience in hackathons, teamwork, and presenting analytical solutions to stakeholders

## 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

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

## 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

<b>PYTHON-Hackerrank</b>	<b>Jul 2024</b>
<b>SQL- Hackerrank</b>	<b>Jul 2025</b>
<b>GenAI Powered Data Analytics-TATA</b>	<b>Sep 2025</b>
<b>Deloitte Data Analytics Job Simulation</b>	<b>Sep 2025</b>

## 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