**🧠 SATHWIK K**

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**🎯 PROFILE SUMMARY**

Data Analyst with strong analytical, statistical, and visualization skills. Proficient in transforming raw data into actionable insights using Python, SQL, and Power BI. Experienced in data cleaning, dashboard creation, and data-driven storytelling. Passionate about leveraging data to improve decision-making and optimize business performance.

**🧩 TECHNICAL SKILLS**

**Programming & Analysis:** Python (Pandas, NumPy, Matplotlib, Seaborn), R  
**Data Visualization:** Power BI, Tableau  
**Database Management:** MySQL, PostgreSQL, SQLite  
**Statistical Tools:** Excel (Pivot Tables, VLOOKUP), Google Sheets  
**Data Handling:** ETL, Data Cleaning, Data Wrangling  
**Other Tools:** Jupyter Notebook, Git, VS Code

**🎓 EDUCATION**

**Bachelor of Technology in Computer Science and Engineering**  
KL University, Guntur | *Expected Graduation:* 2025  
**Key Coursework:** Data Mining, Statistics, Database Systems, Machine Learning

**💼 INTERNSHIP EXPERIENCE**

**Data Analyst Intern – Tata iQ Virtual Internship (Tata Group)**  
*March 2024 – May 2024*

* Conducted exploratory data analysis (EDA) on credit delinquency data.
* Applied feature selection and visualization techniques to identify risk factors.
* Improved data quality by implementing data cleaning and transformation workflows using Python.
* Prepared summary dashboards to communicate findings to stakeholders.

**Business Analytics Intern – Forage (Accenture Simulation)**  
*December 2023 – January 2024*

* Analyzed social media trends and client sentiment using Excel and Power BI.
* Built an insights dashboard to visualize customer engagement metrics.

**📊 PROJECTS**

**1. Customer Purchase Behavior Analysis (Python, Power BI)**  
Analyzed e-commerce transaction data to identify purchase trends and customer retention rates. Built an interactive dashboard in Power BI to visualize KPIs and demographic insights.

**2. Student Performance Prediction (Python, Scikit-learn)**  
Developed a regression model to predict student grades using socioeconomic and behavioral factors. Achieved 85% prediction accuracy.

**3. Credit Risk Assessment (SQL + Tableau)**  
Created SQL queries to analyze borrower data and visualize credit risk segments in Tableau.

**🏆 CERTIFICATIONS**

* Google Data Analytics Professional Certificate – Coursera
* Python for Data Science – IBM
* Advanced Excel for Data Analysis – Udemy

**💡 SOFT SKILLS**

Analytical Thinking | Problem Solving | Communication | Time Management | Team Collaboration