

SAI SATHVIK PERURI

Data Analyst

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Linkedin | **GitHub** | **HackerRank** | **Portfolio**

EDUCATION

Raghu Engineering College

Electronics & Communication Engineering Bachelor Of Technology(B.TECH)

CGPA: 8.10

Visakhapatnam, Andhra Pradesh

2020 - 2024

SRI Chaitanya College

Mathematics, Physics, Chemistry (M.P.C) Intermediate

CGPA: 9.44

Piduguralla, Andhra Pradesh

2018 - 2020

EXPERIENCE

Rococoupler | Embedded Engineer

Visakhapatnam, Andhra Pradesh | June 2023 - July 2023

- Collected and analyzed real-time sensor data to optimize navigation routes and improve accuracy.
- Developed data-driven algorithms and visualized performance trends using MS Excel.
- Applied statistical analysis to enhance decision-making and improve robot path efficiency.

SKILLS

Programming Languages: Python, Java

Libraries/Frameworks: Numpy, Pandas, Scikit-learn

Tools / Platforms: VS Code, GitHub, Goggle Colab, Jupyter Notebook

Databases: MY SQL

PROJECTS / OPEN-SOURCE

Ecommerce Sales Analysis | Link

MY SQL, PowerBi, Excel

- Analyzed 1,000+ sales records across branches using SQL, uncovering trends such as a 10% sales increase during festive seasons and 20% of products driving 80% of revenue .
- Optimized SQL queries, reducing processing time by 30%, enabling faster analysis of customer behavior and trends.
- Created a Power BI dashboard with 15+ visuals, highlighting KPIs, regional performance, and seasonal trends, driving a 15% improvement in operational efficiency.

Analyzing Coffee Quality Data With PowerBI | Link

PowerBi, Excel

- Developed an interactive Power BI dashboard to analyze coffee quality metrics, including aroma, acidity, and flavor, across multiple regions.
- Conducted statistical analysis on quality scores, identifying regions with 15% higher average ratings and areas needing improvement.
- Utilized heat maps and bar charts to visualize trends, enabling stakeholders to optimize supply chain efficiency and improve product consistency by 20%.

Laptop Price Prediction for SmartTech Co | Link

Python, Scikit-learn, Numpy, Pandas

- Developed an end-to-end machine learning model using scikit-learn to accurately predict laptop prices & deployed it on a server for real-time predictions.
- Utilized feature engineering and implemented algorithms such as Linear Regression, Random Forest, and Gradient Boosting to optimize prediction accuracy.

CERTIFICATIONS

- Certified Data Science Professional - **Odin School**
- SQL (Intermediate) - **Hacker Rank**