Raj Priyadershi

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Technical Skills

Languages and DataBases: Python, Pandas, Numpy, SQL, PostgreSQL
Visualization Tools: Power BI , Matplotlib
Other Skills: Advanced Excel, Business Analysis, Data Analysis, Statistics

Projects

Data Analysis and Dashboard Development   **September 2024**

- Analyzed and processed large **datasets containing 31,000 columns** of data from Vrinda Store using **Excel.**
- Developed an **interactive Excel dashboard to** visualize key insights and **trends from the data.**
- Utilized advanced **Excel functions, pivot tables, and charts** to perform data cleaning, aggregation, and analysis.
- Improved data accessibility and **decision-makin**g by presenting complex data in a clear, **user-friendly format.**
- Demonstrated strong attention to detail and **analytical skills in handling** and interpreting extensive data sets.

Python-Driven Customer Segmentation and Insights   **August 2024**

- Performed **data cleaning** and manipulation
- Performed **Exploratory data analysis(EDA)** using **pandas**, **matplotlib** and **seaborn** libraries
- Improved **customer experience** by identifying potential customers across different states , occupation , gender and age groups
- Improved sales by **identifying most selling product categories** and products , which can help to plan inventory and hence meet the demands.

Certifications

Data Analysis and Dashboard Development   **September 2024**

- Successfully completed a comprehensive Data Analytics course from Simplilearn, covering key concepts and tools used in the field

Experience

"Secretary" at ACM (Association for Computing Machinery), SVCET(A)   **Aug 2023 – Apr 2026**

- **Coordinated events** and workshops, managed communications, and **led a team of students to promote** computer science and engineering activities within the college.

Personal Projects/Awards & Achievements

Local Award Winner, NASA International Space Apps Challenge (Local Impact Category):   **Oct 2024**

- Developed and presented a solution recognized for its local impact, addressing **real-world challenges** with innovative **space and earth science applications.**

Grand Finale Participant, Smart India Hackathon 2023:   **Dec 2023**

- Developed and demonstrated a **machine learning model** that translated English into various regional languages of India, trained on a **20GB dataset** using **Python and TensorFlow.**

Arduino water automation winner :   **Mar 2023**

- Awarded the **first prize** for creating an **arduino based water automation system** that autonomously refills tanks and manages motors based on water levels.

Education

Jawaharlal Nehru Technological University, Anantapur SVCET(A)   **Aug 2022 – Apr 2026**
B. Tech in Computer Science and Engineering (Data Science) 2026   *Chittor, Andhra Pradesh*