

# Divya Poojari

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## PROFESSIONAL SUMMARY

Dedicated and detail-oriented third-year B.Tech Information Technology student with a strong foundation in data analysis, statistical modeling, and data visualization. Experienced in working with Python, MySQL, and data visualization tools, and eager to apply data-driven insights to solve real-world challenges. Committed to continuous learning and excited to contribute to impactful projects.

## SKILLS

- **Programming Languages:** Python, C, Java
- **Databases:** MySQL, PostgreSQL, MongoDB
- **Data Visualization Tools:** Tableau, Power BI, Matplotlib, Seaborn
- **Other Tools:** Git, GitHub, MS Excel
- **Soft Skills:** Problem-solving, Critical Thinking, Adaptability, Eagerness to Learn

## TECHNICAL PROJECTS

### Superstores Sales Analysis

- Developed an **interactive sales dashboard in Power BI** to track KPIs like profit, revenue, and region-wise sales.
- Applied **Random Forest, Gradient Boosting, and XGBoost** to forecast sales trends with **95%** accuracy.
- Analyzed sales data to uncover key business insights, driving data-informed decision making.

### Demand Forecasting

- Built a **Streamlit dashboard** to forecast product demand using **Random Forest, Gradient Boosting, and XGBoost**.
- Achieved **96% forecast accuracy** by training on cleaned retail sales data.
- Enhanced decision-making by delivering visually intuitive and data-backed predictions.

### Disney Movie Recommendation System

- Developed a recommendation engine using **Naive Bayes and Decision Tree Classifier** on a curated Disney movie dataset.
- Utilized libraries like **NumPy, SciPy, and Scikit-learn** for data analysis and predictions.
- Enhanced understanding of machine learning and data-driven recommendations.

## CERTIFICATIONS

- **TCS iON Career Edge - Young Professional**
- **Introduction to Python**
- **Power BI for Beginners**

## EDUCATION

### **Bachelor of Technology in Information Technology**

Vidyalankar Institute of Technology

**2022 - Present**

CGPA: 9.9

### **Class 12th, HSC**

KET's V.G. Vaze College of Arts, Science and Commerce

**2020 - 2022**

80.17%

### **Class 10th, SSC**

St. Xavier's High School

**2010 - 2020**

92.00%