

Divya Poojari

divyagpoojari15@gmail.com | +91 7039345850 | [LinkedIn](#) | [GitHub](#) |

PROFESSIONAL SUMMARY

Aspiring Machine Learning professional with hands-on experience in building predictive models, performing data analysis, and evaluating classification algorithms. Proficient in Python and visualization tools with a solid foundation in statistics and model performance optimization. Eager to contribute to innovative ML projects while continuously expanding my technical and analytical skillset.

SKILLS

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

TECHNICAL PROJECTS

Superstores Sales Analysis

- 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.
- Developed an **interactive sales dashboard in Power BI** to track KPIs like profit, revenue, and region-wise sales.

Demand Forecasting

- Developed a **Streamlit-based forecasting tool** for retail demand prediction using **Random Forest, XGBoost & Gradient Boosting**.
- Achieved high model performance R^2 score of **96%** ensuring accurate demand predictions.
- Trained models on historical sales data to **predict product demand for the upcoming month** at category and product levels.

Disney Movie Recommendation System

- Developed a movie recommendation system using **Naive Bayes and Decision Tree Classifier**.
- Created an **interactive GUI with Tkinter** for movie search and recommendation.
- Preprocessed and cleaned real-world movie data for accurate predictions.
- Implemented **genre and title-based filtering** to enhance user experience.

CERTIFICATIONS

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

EDUCATION

Bachelor of Technology in Information Technology

2022 - Present

Vidyalankar Institute of Technology

CGPA: 9.9

Class 12th, HSC

2020 - 2022

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

80.17%

Class 10th, SSC

2010 - 2020

St. Xavier's High School

92.00%