

POOJA CHAVAN



Open to work

CONTACT

- Banavdi, Tal: Karad,
Dist: Satara
📞 8007654382 |
✉️
Poojachavan.0109@g
mail.com
🔗 [Linkedin](#) |
🔗 [Portfolio](#) |
🔗 [Github](#)

SUMMARY OF THE PROFILE

Data Science and Machine Learning enthusiast with a **Master's in Mathematics** and hands-on experience in **predictive modeling, deep learning, and data visualization**. Proficient in **Python, SQL, Power BI, and ML frameworks**, with expertise in **data preprocessing, feature engineering, and model optimization**. Passionate about leveraging **AI-driven solutions** to solve real-world challenges. Seeking an **entry-level data science role** in a dynamic environment.

EDUCATION

MSc in Mathematics – Sadguru Gadge Maharaj College, Karad (2024)
CGPA: 9.75 (90.63%)
BSc in Mathematics – Sadguru Gadge Maharaj College, Karad (2022)
CGPA: 9.34 (88.75%)
HSC (12th) – Maharashtra State Board (2019) | **72.92%**
SSC (10th) – Maharashtra State Board (2017) | **86.20%**

ADDITIONAL SKILLS

- ✓ **Programming & Libraries: Python** (NumPy, Pandas, SciPy, Scikit-learn, Seaborn, Matplotlib, Plotly)
- ✓ **Machine Learning: Regression** (Linear, Ridge, Lasso), **Classification** (Logistic, SVM, Decision Tree, Random Forest, Naïve Bayes, XGBoost)
- ✓ **Deep Learning: ANN, CNN**
- ✓ **SQL: MySQL, RDBMS, XAMPP**
- ✓ **Data Visualization: Power BI**
- ✓ **Tools & Technologies: Jupyter Notebook, Google Colab, Streamlit**

Additional Information

- ✓ **Languages: English, Hindi, Marathi**

PROJECTS

IPL Match Outcome Prediction

Domain: Sports Analytics | 🔗 [GitHub](#)

- Developed a machine learning model to predict IPL match outcomes using historical data, player stats, and match conditions.
- Technologies Used: Python, Pandas, Scikit-learn, XGBoost, Random Forest, Power BI
- Achievements: Improved accuracy by 5% using feature engineering and hyperparameter tuning.

Loan Riskiness Prediction

Domain: Finance | 🔗 [GitHub](#)

- Built an ML model for loan risk classification, ensuring regulatory compliance and document retrieval efficiency.
- Technologies Used: Logistic Regression, XGBoost, Python, Pandas, Scikit-learn
- Achievements: Achieved high ROC-AUC score, improving loan risk classification accuracy.

Metal Defect Detection

Domain: Manufacturing | 🔗 [GitHub](#)

- Developed a CNN-based defect detection system for quality control in metal production.
- Technologies Used: TensorFlow, Keras, OpenCV, CNN
- Achievements: Enhanced defect detection accuracy, reducing false positives in quality inspection.

Certification :

- Data Associate Certification (2024)
- 1st Prize in poster presentation (Post-Graduation Level – 2 Consecutive Years)
- 3rd Place – District-Level Mathematics Quiz Competition

