

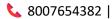
POOJA CHAVAN



Open to work

CONTACT

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<u>Einkedin</u>

Portfolio

6 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

(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 Informatio

✓ Languages: English, Hindi, Marathi

PROJECTS

IPL Match Outcome Prediction

Domain: Sports Analytics | S 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 | S 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

- 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 Competiton