

Ishwari Deshmukh

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PROFILE

Dedicated Data Science Professional with 1 year of comprehensive training and a strong foundation in Artificial Intelligence and Machine Learning. Skilled in data-driven problem-solving, project execution, and proficient in tools and libraries such as Python, NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn, NLTK, and Regex. Passionate about leveraging data to develop efficient and practical AI solutions **JLPT N5 certified, showcasing foundational proficiency in Japanese.**

EDUCATION

B.Tech in Computer Engineering.

Sanjivani College of Engineering, Kopargaon.

HSC: 64.48% SSC: 88.40%

SKILLS

- **Programming Languages:** Python, C, C++
- **Data Science Libraries:** NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn, NLTK, Regex
- **Data Handling & Analysis:** Data Cleaning, Data Visualization, Statistical Analysis
- **Machine Learning:** Supervised & Unsupervised Learning, Model Training & Evaluation
- **Database Management:** MySQL, PostgreSQL.
- **Soft Skills:** Problem-Solving, Critical Thinking, Team Collaboration, Project Management.

PROJECTS

1.Movie Recommendation System using ML

(2025)

- **Description:** In this project, I developed a content-based movie recommendation system using Python and Pandas. The goal was to recommend movies based on their similarity to a given movie.
- **Concepts Used:** Content-Based Filtering, NLP, Vectorization, Cosine Similarity.
- **Outcome:** Created a working recommendation function that returns the top 5 most similar movies using cosine similarity on processed metadata.

2. Digit Recognition System

(2025)

- **Description:** Developed a digit classification system using Convolutional Neural Networks (CNN) with the
- **Accuracy:** Achieved 98.14% test accuracy.
- **Outcome:** Gained hands-on experience in CNNs, image preprocessing, and model deployment with Flask.

CERTIFICATIONS

- 1.Introduction to Python(Infosys Springboard)
- 2.Introduction to AI(Infosys Springboard)
- 3.Data Science and Artificial Intelligence(2025-2026)

INTERNSHIP

AI Genius LLP,Chhatrapati Sambajinagar

Ongoing(2025)

🔗 Conversational AI

Developed a Conversational AI system for dynamic speaker identification in Marathi language audio. The project focused on accurately segmenting and labeling overlapping speech in real-time, addressing challenges in low resource and multilingual settings such as interviews, conversations, and call recordings.