

Pukhraj Garasiya

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GitHub: [Pukhrajgarasiya78 \(github.com\)](#)

SUMMARY

Hello! Pukhraj Garasiya from Pokharda, Nimcuh, pursuing a Bachelor of Technology in Artificial Intelligence and Data Science. Passion for mathematics began early, strengthened through assisting peers, leading to exploration of coding. Fascination evolved into specialization in AI and Data Science, merging affinity for numbers with technology. Experienced in various projects, encompassing data science, analysis, and predictive modeling. Driven by the challenge of transforming raw data into impactful insight and solutions.

SKILLS

Python, R, SQL, Scikit-Learn, TensorFlow, Keras, Pandas, NumPy, Statistical Analysis, Data Analysis, Machine Learning, Deep Learning, Excel, MySQL, Matplotlib, Seaborn, Tableau, Power BI, ETL Processes, Power BI, C++, Core Java, HTML, CSS, JavaScript, Analytical Thinking, Problem-Solving, Communication Skills

WORK EXPERIENCE

Data Science Intern | Sudaku CodeClause Pvt Ltd

June 2024 – July 2024

- Developed and implemented 3 machine learning models for customer segmentation, demand forecasting, and movie recommendation tasks, achieving an average accuracy improvement of 20%.
- Utilized Python (Pandas, NumPy, and Scikit-Learn) and deep learning techniques to enhance a movie recommendation system, improving accuracy by 25%.
- Built web applications using Python Flask, integrated with HTML, CSS, and JavaScript for interactive user interfaces.
- Created 5+ data visualizations using Matplotlib and Seaborn, facilitating 20% faster decision-making and enhancing data storytelling.

EDUCATION

Prestige Institution of Engineering Management and Research

Bachelor of Technology – Artificial Intelligence and Data Science

Saraswati Vidya Mandir

Science and Mathematics

Indore, India

June 2021 – August 2025

Nimuch, India

June 2020 – March 2021

PROJECTS

1. Sentiment Analysis of Social Media

January 2024 – March 2024

- Analyzed social media posts to determine public sentiment using NLP techniques (NLTK, SpaCy) and machine learning.
- Improved model accuracy by 20% through hyperparameter tuning and feature engineering.
- Processed and cleaned datasets, and created visualizations with Pandas, NumPy, Matplotlib, and Seaborn. [GitHub Repository](#)

2. Pepper Ball Disease Classification

May 2024 – June 2024

- Trained a deep learning model to classify pepper ball diseases with 90% accuracy.
- Automated disease classification, reducing manual inspection time by 30%.
- Processed 500+ pepper ball images using Python (TensorFlow, Keras). [Pukhrajgarasiya78/Pepper-ball \(github.com\)](#)

3. Movie Recommendation System Project

May 2024 – June 2024

- Implemented a collaborative filtering-based recommendation system.
- Achieved a 30% increase in user engagement through personalized recommendations.
- Utilized Python (Pandas, Scikit-Learn) to process 10,000+ movie ratings and improve model accuracy. [Pukhrajgarasiya78/Movie-Recommendation-System:](#)

CERTIFICATES

1. Career Essentials in Data Analysis by Microsoft and LinkedIn

May 2024

Comprehensive training in data collection, cleaning, statistical analysis, and visualization using Excel, Power BI, and SQL, validated with industry-recognized certification.

2. Introduction to Data Analytics

March 2024

Foundational course covering data analysis tools, techniques, and machine learning