

# Jiya Deshmukh

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**Summary:** Data Science and AI student with hands-on experience in Python, Machine Learning, and Data Cleaning. Skilled in analyzing datasets, building predictive models, and visualizing patterns using libraries like Pandas, NumPy, and Matplotlib. Eager to contribute to real-world projects and grow as a data professional.

I am Motivated Data Science student aiming to work in a collaborative environment where I can apply my analytical skills, build ML models, and improve communication skills while supporting organizational goals.

## Professional Qualification:

- ❖ Pursuing B.Tech from Acropolis Institute of technology and research, Indore - CSE(AIML)
- ❖ Current CGPA - 8.36

## Educational Qualification:

- ❖ 10th from Career Academy School (MP Board) with 86.60% in 2022.
- ❖ 12th from Career Academy School (MP Board) with 87.20% in 2024.

## Technical Skills:

- ❖ **Programming Language:** C++, Python
- ❖ **Libraries:** NumPy, Pandas, Matplotlib, Seaborn, Open CV, Beautiful Soup
- ❖ **Machine Learning, Libraries:** Scikit Learn, Tensor Flow
- ❖ **Database:** SQL, Excel
- ❖ **Relevant Coursework:** Data Structures, Statistics, Machine Learning, DBMS, OOP
- ❖ **Tools:** VS Code, Jupyter Notebook, Git, GitHub

## Model Training: Linear Regression:

- ❖ Trained and evaluated a linear regression model to predict outcomes from student academic dataset.
- ❖ Performed data processing and feature selection
- ❖ Evaluated model performance using metrics such as MSE and  $R^2$  Score

**Tech :** Python, Scikit-Learn, NumPy, Pandas, matplotlib, seaborn

## Model Training: Logistic Regression:

- ❖ Developed a classification model to predict student placement using dataset.
- ❖ Trained and evaluated Logistic Regression model
- ❖ Achieved reliable classification performance using accuracy & confusion metrics

**Tech :** Python, Scikit-Learn, NumPy, Pandas

## Data Wrangling and Data Analysis Project

- ❖ **Role** : Cleaned and analyzed data
- ❖ **Tech Stack** : Python, Python Libraries-(NumPy, Pandas, Matplotlib, Seaborn)
- ❖ **Description** : Cleaned, processed, and visualized datasets to extract meaningful insights.

## Minor Project :

### 1. Web scrapping and Frequency Count

- ❖ **Role** : Built Script to extract and analyze website
- ❖ **Tack Stack** : Python, Web Scrapping, Beautiful Soup
- ❖ **Description** : Developed a Python script to automate website scraping, extract structured data, and perform frequency analysis.

### 2. Amazon Web Clone

- ❖ **Role** : Front-end Developer
- ❖ **Tech Stack** : HTML, CSS
- ❖ **Description** : Developed a responsive Amazon homepage clone as part of a learning project

**Certifications :** 1.Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate

2.Oracle Cloud Infrastructure 2025 Certified Data Science Professional

**Strengths** : Quick learner, hard-working, positive attitude, willingness to grow

**Areas of Interest** : Python Development, Data Science, Machine Learning

**Languages** : English, Hindi, Marathi

**Address** : Indore, MP