

# Madhushree Deshmukh

Entry-Level Data Analyst | Python | SQL | Machine Learning

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## Profile

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Motivated Information Technology graduate with hands-on experience in Python, SQL, data analysis, and machine learning projects. Skilled in data cleaning, visualization, and building predictive models. Seeking an entry-level Data Analyst/Data Science role to apply analytical skills to solve real-world business problems.

## Technical skills

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**Programming:** Python, R

**Data Analysis:** Pandas, NumPy, Data Cleaning, Data Visualization

**Libraries:** Matplotlib, Seaborn, Scikit-learn

**Databases:** MySQL

**Tools:** Jupyter Notebook, VS Code

**Machine Learning:** Classification, Regression, NLP Basics

## Projects

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### AI-Powered Resume Screening Tool : Python, Scikit-learn, Pandas, NLP

- Developed an NLP-based system to automate resume shortlisting.
- Extracted text features from resumes & job descriptions using Python.
- Built and trained machine learning classifiers achieving 85% accuracy.
- Reduced manual screening effort by automating candidate ranking.

### Customer Churn Prediction System : Python, Scikit-learn, Pandas, Matplotlib

- Customer Churn Prediction System.
- Analyzed historical customer data to identify churn patterns.
- Built classification models including Logistic Regression & Random Forest.
- Enhanced prediction reliability using feature engineering & data cleaning.

## Education

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**Prof Ram Meghe College of Engineering And Management , Amravati**

**December 2021 – June 2025**

B.E (Information Technology) – CGPA: 8.14

**Shri R.R.Lahoti Science College, Morshi**

**June 2019 – February 2020**

HSC – 81.67%

**Shantiniketan English School, Morshi**

**June 2019**

SSC – 67.64%

## Certification

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**Udemy: Complete Data Science Bootcamp 2025**

(Python, Machine Learning, SQL, Data Visualization)

## Language

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**English** - Professional Working Proficiency

**Hindi**

**Marathi** - Native