

# MARISKA MASCARENHAS

Address: 702 Orlem Bliss, Marve Road, Malad West, Mumbai-400064

Email: [mariskamascarenhas@gmail.com](mailto:mariskamascarenhas@gmail.com)

LinkedIn: Mariska Mascarenhas

Mobile: 8879200350

---

## Profile

A graduate in **BSc Computer Science (Hons) Artificial Intelligence and Machine Learning**.

Passionate about applying AI/ML and data analytics to solve real-world problems.

Skilled in Python, machine learning, basic HTML & CSS, and data visualization tools like Tableau and Power BI.

Quick learner with strong problem-solving abilities.

Eager to apply technical knowledge, contribute to innovative projects, and grow professionally.

---

## Education

**BSc Computer Science (AI & ML) Mumbai University - 81.67% (CGPA: 9.37) | 2022 – 2025**

Nagindas Khandwala College of Commerce, Arts & Management Studies & Shantaben Nagindas Khandwala College of Science

**HSC – 67.67% | 2022**

The Bombay Suburban Grain Dealers' Junior College of Commerce, Arts & Science

**SSC – 87.40% | 2020**

Carmel of St. Joseph School

---

## Skills

**Programming Languages:** Python, SQL, Basic HTML & CSS

**Data Science Tools:** Pandas, NumPy, Matplotlib

**Machine Learning & AI:** TensorFlow, Keras, OpenCV, CNNs, LSTMs, Scikit-learn, LLMs (OpenRouter, RAG, SentenceTransformers, FAISS)

**Visualization Tools:** Tableau, Power BI

**Tools & Platforms:** Jupyter Notebook, PyCharm, Google Colab, Flask

**Soft Skills:** Problem-solving, Quick learning, Time management, Adaptability, Teamwork

---

## Projects

Links: [https://drive.google.com/drive/folders/19E9uvX5ORo\\_Tf6Bg\\_Ez3VCdecaiaxdP1](https://drive.google.com/drive/folders/19E9uvX5ORo_Tf6Bg_Ez3VCdecaiaxdP1)

### Medical Recommender System

Developing an AI-powered recommendation system suggesting treatments based on patient symptoms.

*Technologies Used:* Python, TensorFlow, NLP, Flask

### Book Recommender System

Built a personalized recommendation system using collaborative filtering and content-based filtering. Integrated a Flask-based web interface for user interaction.

*Technologies Used:* Python, Pandas, Scikit-learn, Flask

### RAG Chatbot (Company-assigned Project- Unistanz Software Private Limited)

Developed a Retrieval-Augmented Generation (RAG) chatbot capable of answering natural language questions on a given financial dataset. Implemented semantic search with SentenceTransformers and FAISS, integrated numeric query handling (sum, average, monthly average), and connected with OpenRouter LLM API for contextual responses. Built a Flask-based web interface for interactive Q&A.

*Technologies Used:* Python, Flask, Pandas, NumPy, FAISS, SentenceTransformers, OpenRouter API

---

### Certifications & Achievements

#### Year

Google Data Analytics Professional Certificate-Coursera (offered by Google)

June 2025

Deloitte Australia Data Analytics Job Simulation Forage

April 2025

Deep Learning with Python – Great Learning Academy

2023

MySQL Basics – Great Learning Academy

2023

OpenCV Tutorial – Great Learning Academy

2023

NumPy Tutorial – Great Learning Academy

2024

CS50's Introduction to Programming with Python – Harvard University (via edX)

2024

---

### Languages known

English, Hindi, Marathi

---

### Hobbies & Interests

Playing badminton, carrom, chess

