

# SASWATA DHARA



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<https://sasternal17.github.io/portfolio-saswata-dhara/>

I am a passionate third-year CSE student, enthusiastic about machine learning with a strong programming background in Java. Eager to learn and adapt quickly, I believe in the potential of machine learning to solve real-world problems. Joining this transformative field excites me as I strive to make a positive impact with my skills and enthusiasm.

## EDUCATION

### Bachelor of Technology in Computer Science and Engineering

2020 - 2024

Narula Institute of Technology, Agarpara

CGPA: 9 (Till 5th Semester)

### Higher Secondary Education

2018 - 2020

Hindu School, Kolkata

Marks: 84.4%

### Secondary Education

2010 - 2018

Hare School, Kolkata

Marks: 89.71%

## PROJECTS

### Zomato Reviews Analysis

2023

- This model is based on **Natural Language Processing (NLP)**.
- The model has been trained on **1000 Zomato customer reviews** of a restaurant. The model can identify whether a review is **positive** or **negative**, with an **impressive accuracy rate of 71%**.
- The analysis can provide valuable insights for restaurant owners to improve their business. Analyzing customer reviews can **help identify areas for improvement and capitalize** on what's working well.
- My Zomato Review Analysis model makes it **easy to gain actionable insights** from customer feedback.
- **Programming Language Used:** Python.

### Amazon Prime Movie Recommendation

2022

- The movie recommendation model is based on **association-based** learning using the **Eclat algorithm**.
- The model finds **relationships** between two movies based on their **support**, or **frequency of being watched together**.
- The model suggests **pairs of movies** with the **highest support**, allowing users to discover new movies based on their viewing history.
- **Programming Language Used:** Python.

## SKILLS

**Programming Languages:** Java(Intermediate), C(Basic), Python(Basic)

**Database:** Oracle live SQL

**Software:** Google Colab, VS Code, IntelliJ Idea

**Operating System:** Windows 10, 11

**Interests:** Artificial Intelligence and Machine Learning(Basic), Data Structures, and Algorithm(Basic)

## EXTRA CURRICULAR AND HOBBIES

- Represented Howrah Sammilani Cricket Coaching Centre in an under-14 cricket tournament.
- Won the JIS Samman 2022 award for being the second-best photographer.
- Has a keen interest in Space, Sports, and Technology.