



# BARNALI MANNA

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## OBJECTIVE

Enthusiastic and hardworking B.Tech CSE (Data Science) student with a strong interest in programming, statistical analysis and machine learning. Seeking an opportunity to learn and contribute to innovative IT projects while growing my technical skills and knowledge.

## SKILLS

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- **Languages:** C, Python, SQL, JavaScript
  - **Frameworks:** HTML and CSS, NumPy, Pandas, Matplotlib, ScikitLearn, NodeJS, EJS, React
  - **Tools/Platforms:** MySQL, Jupyter Notebook, PowerBI,
  - **Soft Skills:** Problem-Solving Skills, Good Communication, Fast Adaptability

## PROJECTS

### House Pricing model

April 2025

- Predict the house price according to customer's demanded feature.
- It is a ML based project.
- **Tech:** Python (Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn,), Jupyter Notebook

### Superstore Sales and Profit Analysis Dashboard

April 2025

- Developed an interactive dashboard to visualize key sales metrics, trends, and profit.
- Processed sales and profit data to generate insights on trends and demands.
- Created interactive visualizations for easy tracking of region wise sales and profit by year.
- Optimized data reporting for decision-making and inventory management.
- **Tech:** PowerBI

### BMI calculator:

April 2025

- Developed a BMI Calculator website using HTML, CSS.
- For calculation part JavaScript is used.
- Using JQuery an interactive background is created.
- **Tech:** HTML, CSS, JavaScript, JQuery

### Mobile\_sales Dashboard

May 19, 2025

- An interactive Dashboard, shows comprehensive view of sales performance, helping businesses track key metrics, analyze trends, and make informed decisions.
- Leveraged Power BI to visualize sales trends, monitor revenue growth, and improve forecasting accuracy.
- **Tech:** PowerBI

### House Pricing Site

Aug 16, 2025

- Predict the house or Flat price according to customer's demanded feature.
- It is a web based project.
- **Tech:** HTML, CSS, JavaScript

## CERTIFICATES

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|---|--------------|
| • PowerBI project by Great Learning                   | April 2025   |
| • Introduction to Networking by NVIDIA                | April 2025   |
| • Introduction to Machine Learning by NPTEL           | Jan-Apr 2025 |
| • 30-Days Power BI Micro Course                       | May 19, 2025 |
| • Fundamentals of Data Structures in C by Simplilearn | July 7, 2025 |

EDUCATION AND QUALIFICATION				
QUALIFICATION	INSTITUTE NAME	YEAR OF PASS OUT	PERCENTAGE	SGPA
B.Tech CSE -DS	Brainware University	2026	86.89%	9.21
Higher Secondary	Sagarpur Sir Ashutosh High School(H.S.)	2022	84.20%	NA
Secondary	Sagarpur Balika Vidyalaya(H.S.)	2020	79.42%	NA

HOBBIES

- Singing | Best Singer From JM Academy
  - Playing Guiter and Harmonium
  - Painting | Top 3 Best Artiest
  - Reading Books
- Feb’25

Dec’20