



Biplab Datta, 21UPE002
Bachelor of Technology
in Production Engineering
National Institute of Technology , Agartala

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EDUCATION

- **Bachelor of Technology in Production Engineering** 2021-25
National Institute of Technology Agartala, Tripura CGPA: 8.08
- **Higher Secondary** 2019-21
Henry Derozio Academy H.S. (+2 STAGES) (TBSE), Tripura Grade: 83%
- **Secondary** 2009-19
Shiksha Niketan H.S. School (TBSE), Tripura Grade: 75.8%

EXPERIENCE

- **NIELIT-Machine Learning Using Python** June 2024 - July 2024
Training Agartala
 - **Data Analysis:** Learned data analysis using NumPy, Pandas, Matplotlib, and Seaborn.
 - **Computer Vision:** Gained experience with OpenCV, including face recognition for attendance.
 - **Machine Learning Algorithms:** Studied and implemented various algorithms like KNN, Naive Bayes, etc.

PROJECTS

- **Sales Insight Project** Dec 2022 - Feb 2023
A dashboard containing sales reports of a hardware company named AtliQ.
 - About **5 Lakhs** of sales from late 2017 to early 2020.
 - Used several datasets of transactions, products, dates, market codes, etc.
 - Technology Used: MySQL and Tableau.
- **Bengaluru House Price Prediction** May 2023 - Aug 2023
A Flask web application that allows users to predict house prices in Bengaluru.
 - Used dataset containing **13000+** data of different locations of Bengaluru city along with their house details and price as well.
 - I had first performed **EDA** and made the data suitable to fit in a simple **Linear Regression** predicting ML model which will return the approx house price based on location & size.
 - Technology Used: Python- Numpy, Pandas, Matplotlib, SkLearn, Flask.
 - IDEs Used: Jupyter Notebook, PyCharm
 - For UI Used: HTML, CSS, Javascript
- **Road Accident Dashboard** June 2023 - Aug 2023
A dashboard containing road accidents that occurred in London
 - Road accidents occurred from mid 2019 to early 2022.
 - Used a dataset containing more than **6 Lakhs+** of accident data.
 - Technology Used : Tableau and Microsoft Powerpoint.
- **Olympics Data Analysis** Jan 2024 - June 2024
A Streamlit application that allows users to see the insights of 120 year's history of Olympics.
 - Conducted **EDA** on over **2.2 Lakh+** of Olympic dataset using **Pandas**
 - Technology Used: Python- Numpy, Pandas, Matplotlib, Streamlit.
 - IDEs Used: Jupyter Notebook, PyCharm

TECHNICAL SKILLS AND INTERESTS

Languages: C/C++, Python, SQL, HTML+CSS
Libraries : C++ STL, Python Libraries (Numpy, Pandas, Matplotlib, Seaborn, SkLearn)
Web Dev Tools: VScode, PyCharm, Git, Github
Areas of Interest: Data Science, Machine Learning, Web Development.
Soft Skills: Data Entry, Typing, Problem Solving, Self-learning, Presentation, Computer Operations, Adaptability

LANGUAGES

- **Bengali** Native or bilingual proficiency
- **Hindi** Limited working proficiency
- **English** Professional working proficiency