

# DIPTANU BISWAS

📍 Agartala,India    ✉ officialdiptanu01@gmail.com    ☎ +917005562359    in diptanu01    🌐 diptanu6

## Summary

---

Aspiring Business and Data Analyst with a strong background in data analysis, statistical modeling, and business intelligence. Skilled in translating complex data into actionable insights to support strategic decision-making. Seeking to leverage analytical skills and business acumen in a challenging role within a dynamic organization.

## Skills

---

- Programming language :Python, C++,C;
- Development Tools: Power BI, EXCEL, Git, Github  
Libraries:Pandas, Numpy, Matplotlib, Sciket-learn
- Database Management: MySQL, SQLite.
- Soft Skills: Communication, Leadership, Problem-solving, Teamwork, Management

## Education

---

### National Institute of Technology,Agartala

Dec 2021 - May 2025

*Bachelor of Technology in Computational Mathematics*

- **Coursework:** OOPS in Python; Machine Learning; Artificial Neural Networks; Fuzzy logic; Soft computing;Data Mining; Design and Analysis of Algorithms;Image processing;

## Experience

---

### Software Engineer Intern

Agartala,India

STQC,Goverment of India

June 2024 - July 2024

- Developed a web application for STQC, enhancing record registration and dispatch efficiency by 40%.
- Developed dynamic frontend interfaces using HTML, CSS, and JavaScript, achieving a 20% increase in user engagement.

### Business and Data Analyst Intern

Agartala,India

PTI Transport of India

Dec 2023 - Jan 2024

- Provided actionable insights to the management team, supporting data-driven decision-making that enhanced operational efficiency by 15%.
- Developed demand forecasting model for PTI Transport, improving inventory management by 10%.

## Projects

---

### ICC Men's T20 World Cup 2024: Data Analysis

[github.com/diptanu6/](https://github.com/diptanu6/) 

- Analyzed World Cup 2024 data, uncovering key player performance trends that boosted team strategy efficiency by 20%. Python (Matplotlib, Seaborn) and Power BI to create dynamic visualizations, enhancing cricket insights and bolstering team analysis by 30%.
- Tools and Technologies Used:Python,Pandas, NumPy,BeautifulSoup,Scikit-learn,TensorFlow,Git and GitHub, Jupyter Notebooks;

### Advanced Sales Forecasting Dashboard

[github.com/diptanu6/](https://github.com/diptanu6/) 

- Designed a time-series-based sales prediction model using SARIMA and Prophet, providing actionable forecasts to enhance decision-making.
- Improved forecast accuracy by 20% (MAPE), and reduced inventory overstock by 30%. Developed an interactive dashboard for real-time data visualization..
- Tools and Technologies Used: Python, StatsModels, Pandas, Matplotlib, Power BI, Flask, SQLite.