

## Dipankar Majumdar

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Portfolio: [dipankarmajumdar.github.io](#)

### Professional Summary:

**Aspiring Data Analyst** with 2+ years of experience as a Web Developer, now focused on **transforming raw data into actionable insights**. Proficient in **Python, SQL**, and **visualization tools** such as **Pandas, Matplotlib, Seaborn**, and **Streamlit**. Skilled in building **interactive dashboards** and conducting **end-to-end Exploratory Data Analysis (EDA)**. Strong **problem-solving** ability, backend development knowledge, and a passion for **data-driven storytelling**.

### Technical Skills:

**Languages & Tools:** Python, SQL, JavaScript, Node.js

**Libraries & Frameworks:** pandas, NumPy, Matplotlib, Seaborn, Streamlit

**Data Handling & Visualization Tools:** Data Cleaning, Wrangling, EDA,

**Visualization Tools:** Streamlit, Matplotlib, Seaborn

**Databases:** PostgreSQL, MySQL, MongoDB

**Version Control:** Git, GitHub

**Soft Skills:** Analytical Thinking, Communication, Attention to Detail, Problem Solving

### Data Analytics Projects:

#### Telco Customers Churn Data Analysis:

**Objective:** Identified key factors influencing customer churn to support retention strategies.

#### Key Contributions:

- **Cleaned and pre-processed data:** handled missing values, removed duplicates, and formatted columns.
- Performed **EDA** using **statistical summaries** and **visualizations (count plots, pie charts, histograms, stacked bar charts)**.
- Analysed churn patterns across demographics, service types, and contract categories.  
**Tools:** Python, Pandas, NumPy, Matplotlib, Seaborn
- **GitHub:** [Telco Customer Churn Data Analysis Repo](#)

#### Netflix Movie Data Analysis:

**Objective:** Built an interactive Streamlit web app to explore and visualize Netflix movie data.

#### Key Contributions:

- Analyzed **movie popularity, genre frequency, vote average distribution**, and **release year trends**.
- Cleaned data by handling missing values, processing numeric/date fields, and splitting multi-genre entries.  
**Tools:** Python, Pandas, Streamlit, Matplotlib, Seaborn
- **GitHub:** [Netflix Analysis Repo](#)
- **Live Dashboard:** [Streamlit App](#)

#### Airbnb Data Analysis:

**Objective:** Analyzed Airbnb listings to uncover pricing patterns, popular room types, and neighborhood trends.

#### Key Contributions:

- **Cleaned data:** handled missing values, removed duplicates, and standardized price format.
- Performed **EDA** with **histograms, bar charts, boxplots**, and **line plots** to extract key insights.
- **Tools:** Python, Pandas, NumPy, Matplotlib, Seaborn.
- **GitHub:** [Airbnb Data Analysis Repo](#)

### Work Experience:

#### Web Developer

*Sleek Infosolutions – Kolkata | Jun 2023 – Feb 2024*

- Developed 10+ scalable APIs and microservices, optimizing AWS Lambda performance and reducing execution time by 30%.
- Collaborated with teams on backend data flows and integrated analytics into web dashboards.

#### Web Developer

*Arrow2web Technologies – Kolkata | May 2022 – Jun 2023*

- Created serverless applications using AWS Lambda and DynamoDB.
- Improved system performance by 25% through backend optimizations and asynchronous processing.

#### Analyst Programmer

*MG Tathya Solutions – Kolkata | Nov 2021 – May 2022*

- Designed real-time monitoring dashboards using JavaScript and API integrations.
- Worked with backend data APIs to enable analytics and reporting features.

### Education:

#### Bachelor of Computer Application (BCA)

West Bengal University of Technology – Kolkata, India | 2010 – 2013