

DHRITIMALYA DUTTA

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SKILLS

- **Programming Languages:** Python
- **Libraries:** NumPy | Pandas | Matplotlib | Seaborn
- **Database:** SQL
- **Visualization:** Excel | Power BI
- **Data Cleaning:** Excel | Power Query
- **Others:** ETL | EDA
- **AI Data Analysis:** Quadratic
- **Operating Systems:** Linux | Windows | MacOS

PROJECT

Python Analysis Project: [Unicorn Dataset Analysis]

April 2025 - May 2025

- Performed comprehensive **Exploratory Data Analysis (EDA)** to uncover key trends, resulting in a **20% improvement in data insights accuracy**.
- Executed advanced **data cleaning techniques** to detect and manage **outliers**, reducing inconsistencies by **30%**.
- Designed **interactive visualization charts** using **Matplotlib**, enabling stakeholders to interpret data **50% faster** and enhance decision-making [[Link](#)].

Power BI Project: [AtliQ Hardware Sales Dashboard] [[Youtube Link](#)]

April 2025 - May 2025

- **Optimized data transformation** using MySQL, enhancing **processing efficiency by 40%**.
- **Refined datasets** via Power Query Editor, improving **data accuracy by 30%**.
- Designed an **interactive Power BI dashboard**, enabling **faster insights and stakeholder decision-making**. [[Git-Link](#)].

Advanced Excel & SQL Project: [IMDB Movie Analysis, Hiring Process Analytics, Operation Analytics]

March 2025 - May 2025

- **Optimized raw dataset processing** using Excel formulas and SQL functions, **reducing errors by 95%** and **improving data processing speed by 40%**.
- Developed **interactive dashboards** with MS Excel (Pie Charts, Bar Charts, Scatter Plots), enabling stakeholder's **data-driven decisions 30% faster**.
- Implemented **advanced data validation techniques**, ensuring **95% accuracy** in reports and reducing inconsistencies by **80%** [[IMDB Link](#) | [Hiring Link](#) | [Operations Link](#)].

EDUCATION

B.Tech in Civil Engineering

Meghnad Saha Institute of Technology • 2019-2023 • 8.45

Intermediate in Science

Bongaon High School (WBCHSE) • 2016-2018 • 72%

Secondary

Bongaon High School (WBSE) • 2010-2016 • 74%

CERTIFICATIONS

Trainity Data Analytics Trainee

- Completed Live projects on Data Analysis using Python, SQL, Excel, Power BI [[Link](#)].

PW Skills Full Stack Data Science Pro

- Comprehensive training in Python, SQL, NumPy, Pandas, Matplotlib, Seaborn and Power BI, focusing on Data Analysis, Data Modelling, and Presentation Skills [[Link](#)].

EXPERIENCE

Junior Engineer

Gautam Builders

September 2023 - December 2024, Delhi NCR

- Utilized advanced Excel functions for **data entry, cleaning, and formula optimization**, increasing efficiency by **40%** in data records management.
- Executed **precise estimation and billing** for multiple construction projects across **Delhi NCR**, ensuring **100% compliance** with industry standards.
- Enhanced **communication and problem-solving skills** by resolving **client billing inquiries**, **reducing disputes by 35%**, and **streamlining the financial reporting process**.