

# AADITYA DALAL | Male, 21 years | B-Tech

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## SKILLS

- Python (Pandas, NumPy, Matplotlib)
- Microsoft Excel
- Project Management
- Microsoft Power BI (Data Visualization)
- Data Analysis
- Leadership & Teamwork

## EXPERIENCE

- **IBM SkillsBuild Data Analytics Internship:** 24 June- 5 August, 2024
  - **GitHub Repo:** <https://shorturl.at/Y3Teo>
  - Created a **predictive model** to analyze which countries can reduce their emissions by **45% by 2030**.
  - **Live visualization** of world map for different emissions factors like CO2, N2O, and CH4.
  - This analysis **aligns** with **SDG 13 & SDG 11** and is helpful for **sustainable development of the world**.

## PROJECTS

- **Sales Insights for AtliQ Hardware: [ SQL , Power BI ]**
  - **GitHub Repo:** <https://shorturl.at/4PjYR>
  - Designed a **Power BI dashboard** to understand AtliQ brick, motor, and other hardware goods sales trends.
  - The final dashboard was **effective** at displaying the **sales trend** of AtliQ hardware, allowing users to understand the data and make informed decisions.
  - This dashboard could help in **increasing the revenue at least by 7%** in the next quarter.
- **Analyzing Target's E-commerce Operations in Brazil (2016-2018): [ Python, SQL ]**
  - **GitHub Repo:** <https://shorturl.at/UQi0A>
  - Analyzed a dataset comprising **100,000 orders** placed on Target's online platform in Brazil using **Jupyter Notebook**.
  - Used **Pandas** library with suitable **queries** to create **data frames** and analyze the given problem.
  - Applied **Matplotlib** libraries for plotting the data frames for creating static, animated, and interactive visualizations.
  - This analysis would be useful for **escalating** marketing campaigns, **optimizing** inventory and supply chain management, **improving** customer satisfaction, and **identifying** revenue growth trends.
- **BRAIN-LINK : A virtual confidante fostering mental health through personalized chats.**
  - **Documentation:** <https://devpost.com/software/brainlink>
  - Got **1st position** in **UIET-Hackathon** with this project. Using analysis and score tracking, BrainLink users can track and **analyze their mental health** over time with **graphical visualizations** for a clear understanding of their well-being. I contributed to **curating the business model** for this project by connecting with nearby hospitals and including therapy sessions.

## EXTRA ACTIVITIES

- **Head Student Coordinator** at Training & Placement Cell, UIET, MDU.
- **Linked In Top Voice** for Graphic Design 2024
- **Design Team Senior** at Training & Placement Cell, UIET, MDU

## EDUCTAION

- **BTech, CSE**, Maharshi Dayanand University, Rohtak, Haryana 76% ( Till sem 6 )
- **Scored 90.6%** in ' **Data Science Maths Skills** ' course by **Duke University, NC, USA**.
- **Prime Minister Scholarship Scheme Scholar - 2021,2022 [ National Award ]**