

Divyanshu Mathur

Portfolio LinkedIn

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EDUCATION

- Vellore Institute of Technology** Vellore, India
B-Tech in Computer Science with specialization in Data Science; CGPA: 8.99 2022 - Present
- Lucky Bal Niketan Senior Secondary School** Jodhpur,Rajasthan, India
12th CBSE Board; 92.6 Percent 2021 - 2022
- Lucky Bal Niketan Senior Secondary School** Jodhpur,Rajasthan, India
10th CBSE Board; 90.4 Percent 2019 - 2020

SKILLS

- Programming Languages and Concepts::** Python, C++, Java, C, R, JavaScript, HTML, CSS, Data Structures and Algorithms, Object-Oriented Programming (OOP)
- Frameworks an Libraries::** ReactJS, Numpy, Pandas
- Data Analysis and Visualization::** Power BI, Tableau, Excel, Web Scraping
- DataBase:** MySQL
- Soft Skills:** Communication Skills, Teamwork, Time Management, Adaptability

INTERNSHIP

- Web Development Intern** June 2024 - July 2024
Aamby Valley City Limited,India
 - Responsiveness:** Built responsive web interfaces using HTML, CSS, and JavaScript.
 - Performance Optimization:** Reduced page load times by 30% through code optimization.
 - Collaborated with design team to convert 100% of UI/UX wireframes into fully functional web pages.:**

PERSONAL PROJECTS

LinkedIn-Clone (<https://clone-l.netlify.app/>)

- Developed a LinkedIn-like platform with real-time like, dislike, and comment functionalities.
- Implemented 100% responsive design, ensuring smooth user experience across all devices.
- Enabled real-time updates for user interactions

Conference - Website(<https://alot2024.netlify.app/>)

- Designed and implemented sections for speakers, venue details, sponsors, and registration with 5+ interactive elements to enhance engagement.
- Increased visitor participation by 20% through improved user experience and responsive design.

Sales Analysis Dashboard(Power Bi) (<https://github.com/Divyanshu-Mathur/Sales-Analysis>)

- Processed and cleaned raw sales data, establishing 5+ data relationships for accurate calculations and visualizations.
- Created custom KPIs to track total sales, YOY growth, profit margins, and quantity by region, delivering actionable insights.
- Built an interactive dashboard with slicers, maps, and bar charts, improving analysis efficiency by 40%.

Coffee Shop Analysis(Excel)(<https://github.com/Divyanshu-Mathur/Coffee-Shop-Sales>)

- Cleaned and organized 10,000+ rows of sales data, preparing it for analysis with zero data duplication.
- Utilized pivot tables, measures, and slicers to build a dashboard showing total sales, average bill, and product distribution.
- Analyzed daily sales trends, identifying peak sales days to guide inventory decisions and boost sales by 15%.

India Population Analysis(<https://github.com/Divyanshu-Mathur/India-Population-Data-Analysis>)

- Scraped India's population data from Wikipedia using Beautiful Soup, covering metrics such as migration, fertility, and population growth.
- Structured and cleaned data with Pandas and NumPy, handling 100% missing values and ensuring accurate analysis.
- Created visualizations showcasing key demographic trends like migration and fertility, facilitating a deeper understanding of population dynamics.