

Vansh Agarwal

LinkedIn: <https://www.linkedin.com/in/vansh-agarwal-aa0ab1341/>

Email: vansh24.agarwal@gmail.com

GitHub: <https://github.com/vansh24agarwal>

Mobile: +91-8077719223

SKILLS

- **Languages:** Python, JavaScript, C++, Java
- **Frameworks:** NumPy, Pandas, Seaborn
- **Tools/Platforms:** MySQL, MS Excel, Git, Power BI, Kaggle
- **Soft Skills:** Teamwork & Collaboration, Problem-Solving Skills, Time Management, Adaptability

PROJECTS

- **IOLP Building Analytics Dashboard:** **April'2025**
 - Developed an interactive Excel-based dashboard using the IOLP Building Dataset to transform raw building data into actionable insights. Implemented key functionalities such as student enrollment, course management, and admission cancellation.
 - Visualized state-wise rentable space distribution and building availability across regions using charts and maps.
 - Crafted a clean, intuitive dashboard layout combining formulas, charts, and data modeling for effective data storytelling.
 - **Tech Stack:** MS Excel (Pivot Tables, Slicers, Conditional Formatting, Charts, Maps)
- **Interactive Sorting Algorithm Visualizer:** **June'2025**

Developed an interactive tool to visualize sorting algorithms in real-time, helping users understand step-by-step execution. Implemented an online food ordering system allowing users to place orders seamlessly.

 - Implemented multiple sorting techniques such as Bubble Sort, Selection Sort, Insertion Sort, and Merge Sort with dynamic animations.
 - Enabled user-controlled inputs, allowing selection of array size, algorithm type, and speed of visualization.
 - Tech Stack: HTML, CSS, JavaScript

CERTIFICATES

- AI & ML for Real-world Problem Solving | Lovely Professional University | [Certificate](#) Jun '25 – Jul '25
- Data Visualization | Kaggle | [Certificate](#) Jun '25 – Aug '25

CERTIFICATION

- Privacy and Security in Online Social Media | NPTEL | [Certificate](#) Jan '25 – Apr '25

ACHIEVEMENTS

- Data Analysis & Dashboard Projects. **May '2025**
- GitHub Portfolio with Clean Code Contributions **April '2025**
- Secured O Grade (Outstanding) in C, C++, and Operating Systems at Lovely Professional University. **Feb '2025**

EDUCATION

- **Lovely Professional University (LPU)** **Punjab, India**
 - *Bachelor of Technology - Computer Science and Engineering; CGPA: 6.1* **Since August 2023**
- **L.D.A.V Inter College** **Anupshahr, Uttar Pradesh**
 - *Intermediate; Percentage: 62 %* **April 2021 - May 2022**
- **L.D.A.V Inter College** **Anupshahr, Uttar Pradesh**
 - *Matriculation; Percentage: 80%* **April 2019 - May 2020**