

Vanshika Panwar

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SKILLS

- **Languages:** C++, C, Java, Python, R Programming
- **Frameworks:** HTML and CSS
- **Tools/Platforms:** MySQL, Tableau, Excel, Predictive Analysis, Figma
- **Soft Skills:** Decision-Making, Good Communication, Collaborative, Interpersonal Skills, Task Coordination

INTERNSHIP

Data Science Intern

May 2024

Ediglobe

- **About:** Engaging in hands-on projects to extract insights and optimize processes using math, stats, and code.
- Applying statistical methods and predictive modelling to real-world data for meaningful data-driven insights.
- Creating data models and interactive visualizations to enhance decision-making and problem-solving skills.
- Developed Tableau and Excel dashboards to visualize KPIs and support data-driven decision-making.
- **Tech stacks used:** Excel, Predictive Analysis, R Programming, Tableau.

PROJECTS

Bone fracture Analysis using Deep Learning | [Link](#)

Jan 2025

- Developed a machine learning model to classify bone fractures using VGG16, ResNet, and custom CNNs
- Applied hyperparameter tuning to optimize model performance across architectures and training conditions.
- Integrated a Gradio interface allowing users to upload X-ray images and get real-time predictions.
- Evaluated models via accuracy, precision, recall, F1-score, and visualized results with confusion matrices, plots.
- **Tech used:** Python, VGG16, Resnet, CNN, Gradio

Amazon Prime Video Dashboard | [Link](#)

Jun 2024

- Developed an analytical dashboard to explore Amazon Prime's content by ratings, genres, and release years.
- Showcased insights on content types and country-wise preferences to understand viewer trends and behaviour.
- Deployed a functional tool helping stakeholders make informed decisions on content strategy and engagement.
- **Tech used:** Tableau, MS Excel, R Programming

CERTIFICATES

- **Cloud Computing by NPTEL-** [NPTEL](#) Jul 2024
- **Prompt Engineering for ChatGPT by Coursera-** [Coursera](#) Apr 2024
- **Supervised Machine Learning: Regression and Classification by Coursera-** [Coursera](#) Mar 2023
- **Mastering Data Structures and Algorithms using C and C++ by Udemy-** [Udemy](#) Feb 2023

ACHIEVEMENTS

- **Participated in Binary Blitz Hackathon organized by Coding Ninja (24hr Hackathon):**
Ranked 9 in a successful Hackathon with over 400 Participants
- **Two Times Inter School Spectra Winner in Debate and Theatre:**
Participated and won in Spectra in multiple categories.
- **Attained 10 badges in Java on Hacker Rank:**
Among 5k+ participants in Java Course
- **One among Dean's top 10 % students at University:**
For good academic performance and extra-curricular activities at university.
- **LPU ENGAGE- (Centre of Professional Enhancement)**
Hosted many Events under CPE and won in Verbal Cosmos.

EDUCATION

- **Lovely Professional University** Punjab, India
Bachelor of Technology - Computer Science and Engineering; **CGPA: 8.15** Since August 2022
- **Rainbow School** Clement Town, Saharanpur
Intermediate; **Percentage: 87%** April 2019 - March 2021
- **Rainbow School** Clement Town, Saharanpur
Matriculation; **Percentage: 94%** April 2017 - March 2019