

PRIYANSHU RANJAN



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LinkedIn



GitHub

Education

- **Motilal Nehru National Institute of Technology Allahabad** Nov. 2022 – Present
 - Bachelor of Technology in Civil Engineering – **CPI: 7.22/10**
- **Fatima School** 2021
 - Intermediate Education, ISC – **Percentage: 93%**
- **Fatima School** 2019
 - High School Education, ICSE – **Percentage: 91.6%**

Experience

- **Physics Wallah** Sept–Dec 2022
Subject Matter Expert (Physics)
 - Created video solutions for **300+ DPP and textbook questions**, enhancing student engagement and learning outcomes.

Projects

- **Bank Loan Report Dashboard** June 2025
Power BI, SQL
 - Developed a **dynamic dashboard** analyzing **38.6K loan applications** worth **\$435.8M funded** and **\$473.1M received**, identifying that **86.2% qualified as good loans**.
 - Implemented **parameterized SQL queries** and **DAX measures** for real-time drilldowns with automated refresh via **Power BI**.
- **Content-Based Movie Recommendation System — ML & Deployment** July 2025
Jupyter Notebook, Streamlit
 - Engineered a **personalized movie suggestion engine** using TMDB dataset by applying **NLP (CountVectorizer)** and **cosine similarity**, recommending the **top 5 most similar titles**.
 - Deployed through an **interactive Streamlit app**, embedding posters and results to demonstrate expertise in **Python, Pandas, scikit-learn, and API integration**.
- **Blinkit Grocery Data Analysis** July 2025
Python
 - Conducted **exploratory data analysis** on Blinkit grocery datasets to uncover **pricing patterns and sales trends**.
 - Generated **6+ visualizations** using Matplotlib and Seaborn to communicate key **business insights**.

Skills

- **Languages:** Python, SQL
- **Tools:** Power BI, MySQL, MS Excel, MS PowerPoint, Jupyter Notebook, Streamlit
- **Libraries:** NumPy, Pandas, Matplotlib, Seaborn, scikit-learn
- **Concepts:** NLP, Recommendation Systems, ML Model Deployment, API Integration
- **Soft Skills:** Leadership, Team Coordination, Problem Solving, Communication, Storytelling

Positions of Responsibility

- **Active Student Member, Civil Innovation Club** 2023 – Present
 - Contributed to organizing technical events and workshops, fostering innovation and collaboration among peers.
- **Event Coordinator, First Year Get-Together** Sept 2023
 - Engaged and coordinated **100+ students**, fostering participation and ensuring seamless execution of the event
- **Event Coordinator, Annual Convocation, MNNIT Allahabad** 2025
 - Led the coordination of the **2025 Convocation Ceremony**, managing logistics and facilitating seamless participation of **1000+ attendees**.

Achievements

- **5-Star Rating in SQL** on HackerRank 2025
- **Earned SQL Badge** for solving **Top 50 SQL Questions** on LeetCode 2025
- **Secured 3rd Rank** in Story Writing Competition, PDW 2022