



# Vanshika Kumawat

Roll No.:M22MA207

M.Sc- M.tech

Mathematics-Data and Computational Science

Indian Institute Of Technology, Jodhpur

+91-7014119192

01Vanshikakumawat.com

m22ma207@iitj.ac.in

VanshikaKumawat

linkedin.com/in/vanshika-kumawat

## EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
M.Tech. DCS	Indian Institute of Technology, Jodhpur	current	2024-2026
M.Sc. Mathematics	Indian Institute of Technology, Jodhpur	7.33 CGPA	2022-2024
B.Sc. (PCM)	University of Rajasthan	64.66%	2017-2020
Senior Secondary	RBSE Board	76.80%	2017
Secondary	RBSE Board	79.83%	2015

## INTERNSHIPS

- LearnTricks Edutech** 4 march 2024 - 3 April 2024  
*Python Intern* Work From Home  
– Build weather App,Random Password generator,Currency Converter,Chat Application,Movie Recommendation System,Basic Web Scraper,Password Manager,Quiz Game,File organizer
- AcmeGrade** 10 May 2023 - 10 July 2023  
*Data Science Intern* Work From Home  
– Developed Data Science Projects using Python and its libraries ,Machine learning.

## PROJECTS

- Distributed Computing (MSC Project)** May 2023-May 2024  
*Optimal Circle Search Despite the Presence Of Faulty Robots*
- Financial Engineering** Jan. 2024-May 2024  
*Technical Analysis, Markowitz Portfolio Optimization, Capital Asset Pricing Model, Option Pricing* Github  
– **Tools & technologies used:**Excel,Python
- Microsoft Excel (Jobaaj learnings)** Jan. 2024-May 2024  
*Pizza Place sales, Marketing Campaign Results,Movie Ratings, Telecom Customer Churn* Github  
– **Tools & technologies used:**Excel,Python

## KEY COURSES TAKEN

- Data Structure,Algorithm, Machine Learning,Probability,Statistics,Big Data,Cloud Computing,Data visualization,Optimisation,Financial Engineering,Linear Algebra

## TECHNICAL SKILLS

- Programming:** C/C++,Python,SQL,Tableau
- Tools & OS:** Git, Jupyter Notebook, Google Colab, Replit, VS Code, Linux, Windows
- Libraries/Frameworks:** Pandas,Numpy,Matplotlib,Excel,Power Point,Tableau

## POSITIONS OF RESPONSIBILITY

- Captain Athletics Team, IIT Jodhpur** Aug. 2022 -current

## ACHIEVEMENTS

- GATE DA** Qualified paper Data Science and Artificial Intelligence 2024
- GATE Mathematics** Qualified 2023
- IIT JAM** Scored AIR 568 2022
- Inter IIT Sports Meet** Represented IIT Jodhpur Athletics team 2022,2023
- Gold Medalist** Varchas,IIT Jodhpur 100m Sprint event 2022,2023
- Gold Medalist** Kridansh, IIT Jodhpur, 100m Sprint event 2022,2023
- Gold Medalist** Intellia ,IIT Jodhpur, 100m Sprint event 2022,2023

## CERTIFICATIONS

- Data Science with Python Simplilearn
- Introduction To SQL Simplilearn
- Communication Skills Udemy
- Microsoft Excel and Statistics Udemy
- Data Visualization with Python Udemy
- Data structures and Algorithms Udemy