

RAVINA PATIDAR

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🐙 GitHub Profile

🌐 LinkedIn Profile

EDUCATION

MAULANA AZAD NATIONAL INSTITUTE OF TECHNOLOGY BHOPAL

Bachelor of Technology

Mechanical Engineering

Relevant Coursework: Data Analysis, Data Scientist

May 2026

CGPA:7.54

GOVT. SRN SCHOOL FOR EXCELLENCE KHANDWA(M.P.)

12th M.P. Board, Khandwa

2021

Percentage:97

GOVT. HIGH SCHOOL KHANDWA(M.P.)

10th M.P. Board, Khandwa

2019

Percentage:96

PROJECTS

CUSTOMER SENTIMENT ANALYSIS IN SUPPLY CHAIN MANAGEMENT USING NLP Feb 2025

- Developed a sentiment analysis model that processed 10,000+ customer reviews, classifying sentiment as Positive, Neutral, or Negative with 97% accuracy.
- Implemented NLP techniques (tokenization, lemmatization, stop words removal) to clean and preprocess text data, improving model performance.
- Built an interactive dashboard in Power BI, visualizing sentiment trends and key insights from textual data
- Extracted top customer concerns through keyword analysis providing actionable business insights.

CUSTOMER SEGMENTATION FOR WALMART SALES

March 2025

- Segmented 10,000+ customers using K-Means clustering, improving targeted marketing by 25%.
- Created an interactive Power BI dashboard, used by stakeholders for data-driven decisions.
- Developed an app to visualize customer behavior dynamically.

ACTIVITIES

TUTOR AT PLAT EXAM (EdTech STARTUP OF MANIT)

Jan 2024

- Mentored 300+ Students of undeveloped areas for exams (JEE & NEET) through offline sessions and informative videos

CAMPUS AMBASSADOR AT PHYSICS WALA

- Promoted Physics Wala's Education Offerings to a student base of 500+ through seminars, WhatsApp groups increasing campus registration by 10%.
- Organized peer engagement events including webinars

TECHNICAL SKILLS

Languages: Python, C/C++

Frameworks: Pandas, Matplotlib, Scikit-Learn, TensorFlow

Cloud/Databases: Google Collab

Soft Skills: Problem Solving, Collaboration & Teamwork

Certifications & Training: Online Course in Data Science and Machine Learning (Udemy)

ACHIEVEMENTS

- Solving 150+ Leetcode Questions significantly improved my problem solving skills and knowledge of DSA.