

# Mridul Krishan Chawla

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## SUMMARY

Aspiring Data Analyst proficient in Python, Excel, Power BI, SQL, and Tableau. Skilled in data visualization, complex dataset manipulation, and developing dashboards for data-driven decision making. Strong analytical thinker with multitasking abilities, experienced in predictive analytics, business analytics and delivering actionable insights across various industries.

## EDUCATION

<b>VIT Bhopal University</b> <i>BTech in Computer Science and Engineering spec. in AI/ML- 8.78 cgpa</i>	Bhopal, MP <i>September, 2022-July, 2026</i>
<b>St. Mary's Convent School</b> <i>Class XII- 90%</i>	Kasauli, HP <i>April, 2021-May, 2022</i>
<b>St. Mary's Convent School</b> <i>Class X- 92.6%</i>	Kasauli, HP <i>April, 2019-May, 2020</i>

## EXPERIENCE

- **Data Science Intern**| SpacECE India Foundation *January, 2025-April, 2025*
  - Developed Interactive Parents Children Activity Planner using Machine Learning, Flask and MongoDB to encourage Parents engagement with children aged 4-8 years to support interactive learning.

## PROJECTS

- **MediSinCare** *September, 2024- February, 2025*
  - Built a Logistic Regression model using 100 symptoms to predict 36 diseases for underprivileged communities.
  - Developed a web platform offering diet, home remedies, and yoga recommendations for accessible healthcare.
- **ZenZone Bot** *February, 2024- April, 2024*  
(Python, Flask, Machine Learning, NLP)
  - Designed and developed a mental health chatbot for teens using Python, Flask, and Machine Learning.
  - Integrated AI-driven conversation flow with a user-friendly front-end, improving user engagement by 25%.

## TECHNICAL SKILLS

- **Programming Languages:** Python, C++.
- **Libraries and Frameworks:** NumPy, Pandas, Matplotlib, Seaborn, Scikit Learn, Flask.
- **Tools and Technologies:** Microsoft Excel, SQL, Power BI, Tableau, Jupyter Notebook, Machine Learning, git, GitHub, Data Analytics, Data Structures and Algorithms.

## CERTIFICATIONS

1. Data Analysts Toolkit: Excel, SQL, Python, Power BI, Tableau (Udemy) *September, 2024*
2. Machine Learning and Deep Learning Bootcamp in Python (Udemy) *May, 2024*
3. Privacy and Security in Online Social Media (NPTEL) *April, 2024*
4. Applied Machine Learning in Python (Coursera) *December, 2023*

## ADDITIONAL INFORMATION

- **Languages:** Fluent in Hindi and English.
- **Achievements:** Ranked Top 10 among 1290 entries in *DataVerse: Data Analytics Case Competition by KOED x IIM Lucknow*, Ranked Top 5% in NPTEL Privacy and Security in Online Social Media Course, Presented my research paper: "*An Associate Memory Approach to Predict Autism Spectrum Disorder*" at the 7th IEEE International Conference on Emerging Smart Computing and Informatics, March 5th-7th, 2025.
- **Interests:** Exploring military defence and passionate about sports.