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

VIT Bhopal University   Bhopal, MP
BTech in Computer Science and Engineering spec. in AI/ML- 8.93 cgpa   *September, 2022-July, 2026*
St. Mary's Convent School   Kasauli, HP
Class XII- 89.8%   *April, 2021-May, 2022*
St. Mary's Convent School   Kasauli, HP
Class X- 92.6%   *April, 2019-May, 2020*

EXPERIENCE

Data Science Intern| SpacECE India Foundation   *January, 2025-April, 2025*
- Created an Interactive Parents Children Activity Planner using Machine Learning, Flask and MongoDB to encourage Parents engagement with children to improve interactive learning by 50%.
- Made a Bedtime Story Generator for children by integrating Gemini API into Python with features like mood, gender, age, hobbies to reduce the need for searching for mood based stories for children aged 4-8 years reducing search time by 50%-60%.

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 with accuracy of almost 100%.

ZenZone Bot   *February, 2024- April, 2024*
(Python, Flask, Machine Learning, NLP)
- Designed and modelled a mental health chatbot for teens using Python, Flask, and Machine Learning.
- Integrated AI-driven conversation flow with a user-friendly front-end enhancing user engagement by 30%

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. Applied Machine Learning in Python (Coursera)   *December, 2023*

ADDITIONAL INFORMATION

- **Languages:** Fluent in Hindi and English.
- **Competitions:** National Finalist (Top 10 of 1290 entries) in the DataVerse: Data Analytics Case Competition by KOED x IIM Lucknow.
- **Published Research Paper:** "An Associate Memory Approach to Predict Autism Spectrum Disorder" in the 7th IEEE International Conference on Emerging Smart Computing and Informatics (March 5-7, 2025).