# MRIDUL KRISHAN CHAWLA

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## EDUCATION

**VIT Bhopal University**                                                                                       Bhopal, India
BTech in Computer Science and Engineering with specialization in AI/ML - **8.98/10**          September 2022 - Present
**St. Mary's Convent School**                                                                                 Kasauli, India
Class XII - **89.8%**                                                                                  March 2021 - May 2022
**St. Mary's Convent School**                                                                                 Kasauli, India
Class X - **92.6%**                                                                                 February 2019 - May 2020

## TECHNICAL SKILLS

**Programming Languages:** Python, C++, MYSQL
**Libraries and Frameworks:** NumPy, Pandas, Matplotlib, Seaborn, Scikit Learn, Flask, PySpark
**Tools and Technologies:** Microsoft Excel, SQL, Power BI, Tableau, Machine Learning, NLP, git
**Certifications:** Data Analysts Toolkit: Excel, SQL, Python, Power BI, Tableau (Udemy) – September 2024

## INTERNSHIPS

**DB4 Cloud Technologies | Data Analyst Intern**                                              May 2025 – August 2025
- Performed ETL processes using Power Query to build a star schema data model for a Global Crop Production Dashboard. Developed interactive HR and operational dashboards in Power BI utilizing DAX to calculate KPIs, track trends, and analyze attrition for data-driven decision making.

**SpacECE India Foundation | Data Science Intern**                                           January 2025 – April 2025
- Optimized an AI-powered Bedtime Story Generator using the Gemini API and built an Interactive Parent-Child Activity Planner with Flask and ML. These ML-driven applications enhanced personalized learning and engagement for children aged 2-8 years.

## PROJECTS

**Walmart Sales Analysis**                                                                       July 2025 - July 2025
Python | PowerBI | Machine Learning
- Engineered temporal features and developed a Random Forest forecasting model that achieved a 0.99 R-squared score, accurately predicting weekly sales to inform inventory and staffing decisions.
- Conducted comprehensive Exploratory Data Analysis (EDA) using Python to identify key sales trends and built an interactive Power BI dashboard to visualize KPIs, enabling data-driven strategic planning.

**MediSinCare**                                                                                 January 2025 - April 2025
Python | Machine Learning | Flask | Render
- Streamlined a machine learning model analyzing 100+ symptoms to predict 36 diseases, improving healthcare accessibility for underprivileged communities.
- Developed a web application providing personalized diet plans, home remedies, and yoga recommendations, achieving 100% accuracy in preliminary testing.

## EXTRA CURRICULAR ACTIVITIES

**DataVerse: Data Analytics Competition by KOED × IIM Lucknow**                                   January 2025
- Placed in Top 10 nationwide (selected from 1,290+ entries) for data-driven business case solutions

**Advitya, 2023 - VIT Bhopal University**                                                         February 2023
- Secured 1st place among competing teams for exceptional theatrical performance and stage presence in DARPAN Acting Competition.

## ADDITIONAL INFORMATION

**Languages:** English, Hindi
**Hobbies:** Sports, Reading about Military Valor Stories