

# Paushali Mondal

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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 decisions. Strong critical thinker with multitasking abilities, experienced in predictive analytics and data mining across various industries.

## EDUCATION

<b>VIT Bhopal University</b> BTech in Computer Science and Engineering spec. in AI/ML – 8.81/10	Bhopal, MP September, 2022-July, 2026
<b>Vivekanand International School</b> Class XII - 90.8%	Patparganj, Delhi April, 2021-May, 2022
<b>Vivekanand International School</b> Class X - 93.7%	Patparganj, Delhi April, 2019-May, 2020

## EXPERIENCE

<b>Business Analyst Intern</b>   SpaceECE India Foundation	December, 2024 – March, 2025
<ul style="list-style-type: none"><li>Transformed 100,000+ student records into actionable insights via dashboards, optimizing education strategies for unprivileged students.</li><li>Evaluated early childhood education programs for unprivileged students through dataset analysis, pinpointing trends and improving outcomes.</li></ul>	

## PROJECTS

<b>MediSinCare</b> (Python, Machine Learning, Flask, NLP)	September, 2024-April, 2025
<ul style="list-style-type: none"><li>Built a Linear Regression model using 100 symptoms to predict 36 diseases for underprivileged communities.</li><li>Developed a web platform offering diet, home remedies, and yoga recommendations for accessible healthcare.</li></ul>	
<b>ZenZone Bot</b> (Python, Flask, Machine Learning, SQLite)	February, 2024- April, 2024
<ul style="list-style-type: none"><li>Built a mental health chatbot for teens using Python, Flask, and NLP.</li><li>Integrated AI-driven conversations with a user-friendly interface, boosting engagement by 25%.</li></ul>	

## TECHNICAL SKILLS

**Languages:** Python (NumPy, Pandas, Matplotlib, Seaborn, Scikit-Learn), C++, Flask.

**Tools and Technologies:** Microsoft Excel, SQL, Power BI, Tableau, Data Structures & Algorithm, Jupyter Notebook, Git.

## CERTIFICATIONS

1. Data Analysts Toolkit: Excel, SQL, Python, Power BI, Tableau (Udemy)	September, 2024
2. Applied Machine Learning in Python (Coursera)	December, 2023
3. Learn Python Programming Masterclass (Udemy)	April, 2023

## ADDITIONAL INFORMATION

- Languages:** Fluent in Hindi and English; Conversational proficiency in Bengali.
- Competitions:** 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).