

# Shivam Kumar Kashyap

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## EDUCATION

<b>VIT Bhopal University</b> <i>B.Tech in Computer Science and Engineering, CGPA: 7.69</i>	2022 – 2026 <i>Bhopal, India</i>
<b>Atomic Energy Central School</b> <i>Class XII – CBSE, 73%</i>	2020 – 2022 <i>Indore, India</i>
<b>Atomic Energy Central School</b> <i>Class X – CBSE, 88%</i>	2019 – 2020 <i>Indore, India</i>

## EXPERIENCE

<b>Raja Ramanna Centre for Advanced Technology (RRCAT)</b> <i>Machine Learning Intern</i>	Nov 2024 – Jan 2025 <i>Indore, India</i>
and executed comparative analysis of ML algorithms for the INDUS 2 accelerator dataset, delivering <b>12% improvement in performance</b> and enabling data-driven research decisions.	
<ul style="list-style-type: none"><li>– Built preprocessing and feature engineering pipelines in Python, scaling analysis workflows and improving reproducibility.</li><li>– Generated actionable insights and visualizations to support leadership, strengthening strategy formulation for research teams</li></ul>	

## PROJECTS

<b>Heart Disease Prediction using ML</b>   <i>Python, Scikit-learn, Pandas</i>	2025
<ul style="list-style-type: none"><li>– Designed and compared multiple predictive models (SVM, Logistic Regression, Decision Trees), selecting the best-performing based on ROC curve analysis.</li><li>– Improved prediction accuracy by 15% using optimized feature selection techniques.</li></ul>	
<b>Product Insights &amp; Usability Testing Dashboard</b>   <i>Python, SQL, Tableau</i>	2024
<ul style="list-style-type: none"><li>– Built SQL + Python dashboard to track usability gaps, feature adoption, and error trends.</li><li>– Partnered with Product, Engineering, and Design teams to recommend changes, improving release quality.</li><li>– Automated reporting workflows using ChatGPT and Claude to generate summaries and stakeholder insights.</li></ul>	

## CERTIFICATIONS

Artificial Intelligence & Data Science — Centre for Development of Advanced Computing (C-DAC)
Product Analytics Certification — Pendo.io
Product-led Certification- Pendo.io

## SKILLS

- **Business & Strategy:** Market research, sales pipeline monitoring, workflow automation, ROI analysis, cross-team collaboration
- **Analytics & Visualization:** Python (pandas, numpy, scikit-learn, matplotlib, seaborn), SQL, Excel (dashboards, pivot tables), Tableau/Power BI
- **AI & Automation Tools:** ChatGPT, Claude, n8n (workflow automation), HubSpot (pipeline management)
- **Problem Solving:** Data storytelling, hypothesis-driven analysis, MECE principle, scenario planning, root cause analysis
- **Collaboration & Communication:** Stakeholder management, requirement gathering, client presentations, clear documentation