

# RUDRA PRATAP SINGH

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## SUMMARY

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With hands-on experience across **Python**, **SQL**, **GenAI tools**, and **Power BI**, I design data workflows that uncover trends, performance patterns, and actionable insights. I combine strong analytical rigor with practical business understanding and effective problem-solving capabilities.

## EDUCATION

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**Shri Ramswaroop Memorial University**  
*Bachelor of Computer Applications (Data Science & AI)*

Lucknow, Uttar Pradesh  
2024 – 2027

**Universal Convent Senior Secondary School**  
*10th – 12th (CBSE)*

Haldwani, Uttarakhand  
2024

## PROJECTS

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**Adidas US Sales Analysis Dashboard** | [GitHub Repo](#)

Nov 2025

- Performed end-to-end analysis of Adidas' U.S. sales to evaluate revenue growth, product performance, and regional trends.
- Analyzed 200K+ sales records, uncovering a **18.4% YoY revenue rise** and identifying regions driving the most growth.
- Found that **In-store sales contributed 55.3% of total revenue**, significantly outperforming online sales by 22%.
- **Tech Stack:** Python, Pandas, NumPy, Matplotlib, PostgreSQL, Power BI

**Amazon Sales Analysis Dashboard** | [GitHub Repo](#)

May 2025

- Developed a BI dashboard to analyze Amazon's multi-year sales patterns across regions and customer segments.
- Processed 5,009 orders generating **\$2.30M revenue** and **\$286K profit**, revealing a 12.4% YoY increase.
- Identified **New York City as the highest-profit location** with \$62K profit, outperforming other major cities by 35%.
- **Tech Stack:** Power BI, Excel

**CareBridge – AI Psychological Intervention System** | [GitHub Repo](#) | [Live](#)

Sep 2025

- Developed a full-stack mental-health platform offering AI-guided support, wellness assessments, and appointment booking.
- Built backend architecture using **FastAPI** and SQLAlchemy with modular APIs for screening, resources, and community forums.
- Created a responsive and modern frontend using **React.js** for dashboards, assessments, and crisis management interfaces.
- **Tech Stack:** FastAPI, Python, PostgreSQL/SQLite, React.js, HTML, CSS, JavaScript

## SKILLS

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**Programming:** Python, SQL (PostgreSQL), C++, Java

**Libraries & Frameworks:** Pandas, NumPy, Matplotlib, Streamlit, LangChain

**Web Dev:** HTML, CSS, Tailwind, JavaScript, React.js, Node.js, Express.js, Flask, FastAPI

**Tools:** Power BI, Excel, Git, VS Code

## CERTIFICATIONS & ACHIEVEMENTS

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- Shortlisted in **Smart India Hackathon (Internal Round)** among 100+ teams [View Post](#)
- Participated in **GDG Gen AI Hackathon** [Certificate](#)
- Participated in **Google Cloud Agentic AI Day** [Certificate](#)
- **Deloitte Australia – Data Analytics Job Simulation** [Certificate](#)