

Abhyudaya Singh Panwar

Address: 215-B Kanak Vihar, Ajmer Road, Jaipur, Rajasthan, 302021

Mobile: +91 9664178894 | Email: abhyudayasinghin5824@gmail.com

LinkedIn: www.linkedin.com/in/abhyudaya-singh-panwar-b85b7a341

Objective

A passionate Data Science and Analytics enthusiast with a strong foundation in statistical analysis, machine learning, and data visualization. Skilled in Python, SQL, and Power BI, with hands-on experience in deriving actionable insights from data. Eager to apply analytical and problem-solving skills to real-world challenges.

Education

- JECRC University, Jaipur | Expected Graduation: 2027**
B. Tech in Computer Science (Data Science & Analytics) GPA: 8.78/10
Coursework: Python & R for Data Science, Statistics for Data Science, Machine Learning & AI, Data Structures, SQL, C/C++
 - St. Xavier's School, Nevtla, Jaipur | 2016-2022**
Senior Secondary (Class 12), CBSE | 2022
Secondary (Class 10), CBSE | 2020
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Technical Skills

- Programming:** Python/R, C/C++
 - Data Analysis & Visualization:** SQL, Advanced Excel, Microsoft Power BI
 - Machine Learning:** Supervised & Unsupervised Learning, Statistical Modelling
 - Soft Skills:** Communication, Teamwork, Problem-Solving, Leadership
 - Languages:** English, Hindi
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Certifications

- Advanced Excel: Mother of Business Intelligence** – Codebasics (Feb 2025)
 - Data Analysis using Python** – Samatrix.io (Sept 2024)
 - Foundation to AI, Data Science & Analytics** – Samatrix.io (Jan 2024)
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Projects

Sales Performance Dashboard (End-to-End)

Tools: Excel, SQL, Power BI / Tableau

Description:

- Analysed 50K+ sales records to identify revenue trends, seasonal demand, and top-performing products
- Built an interactive dashboard with KPIs like revenue, profit margin, and region-wise performance
- Used SQL for data extraction and transformation (joins, aggregations)

Impact:

- Identified 15% revenue drop in Q3 and suggested pricing optimization strategies
- Improved decision-making speed by creating real-time visual reports

Customer Segmentation Analysis using Python

Tools: Python (Pandas, NumPy, Scikit-learn), Matplotlib

- Performed **customer segmentation using K-Means clustering** based on purchasing behaviour
- Analysed features such as **recency, frequency, and spending patterns**
- Visualized clusters to distinguish **high-value vs low-value customers**

Impact:

- Enabled targeted marketing strategies for different customer segments
- Demonstrated ability to apply **data analysis + basic machine learning in business context**

Volunteer Experience

- **Student Volunteer, National Service Scheme (NSS)**
JECRC University, Jaipur | 2023 – Present
- **Volunteer, Jaipur Literature Festival 2024 (Friends of the Festival Dept.)**
Teamwork Arts Pvt Ltd, Jaipur | Jan 2024
- **Volunteer, Jaipur Literature Festival 2025 (Social Media Dept.)**
Teamwork Arts Pvt Ltd, Jaipur | Jan 2025

Extracurricular Activities

- Participant, Innov8 Hackathon, JECRC University
- Participant, 7th JECRC Diplomacy Summit (JDS) – JECRC University
- Participant, G20+1 Symposium – Jaipur School of Economics, JECRC University