

Ritika Sharma

Data Analyst – Python • Power BI • SQL • Pandas
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PROFESSIONAL SUMMARY

- Analytical and detail-oriented Data Analyst with 8+ projects using Python, Power BI, and SQL.
- Proficient in EDA, data wrangling, dashboarding, and data storytelling.
- Strong communicator and collaborative team player with practical exposure to real-world datasets.

EDUCATION

- **NIT Jalandhar**, B.Tech in Industrial and Production Engineering 2021 – 2025
- **Shifaly International School, Ludhiana** 2021

SKILLS

- **Languages:** Python, SQL, R
- **Tools:** Power BI, Pandas, NumPy, Seaborn, Excel, Git
- **Concepts:** EDA, Feature Engineering, Dashboarding, Time Series, Data Cleaning, Joins
- **Soft Skills:** Communication, Collaboration, Reporting

PROJECTS

- **Walmart Sales Dashboard:** Analyzed trends using GroupBy/Pivot; created dynamic Power BI dashboard.
- **Netflix EDA:** Cleaned 6,000+ records; visualized content by genre, rating, year using Power BI.
- **Loan Risk Analysis:** Identified loan risks via EDA in Pandas & Seaborn; analyzed credit/income patterns.
- **Zomato Insights:** Mapped top cuisines and restaurant ratings city-wise using Python visualizations.
- **Student Score Heatmap:** Built correlation heatmap to compare subject performance.
- **E-commerce Merge Analysis:** Merged customer/order data to analyze repeat behavior.
- **Temperature Series:** Tracked seasonal climate trends using rolling average and resampling.

EXPERIENCE

- **Research Intern – IIT Ropar** Jun–Jul 2024
Simulated hydrogen production using MATLAB/Ansys; developed solar-electric conversion models.
- **Research Intern – Expert International** Jun–Jul 2023
Contributed to laser-assisted land leveling for smart farming; conducted field/lab data analysis.

CERTIFICATIONS

- **Introduction to Analytics** – Great Learning
- **SQL for Data Science** – Coursera
- **Getting Started with Power BI** – Microsoft Learn

LEADERSHIP & ACHIEVEMENTS

- **Secretary – Industrial Engineers Society (2024):** Led 4+ events, 2 industrial visits for 100+ students.
- **Co-Head – Kalakaar Theatre Club (2023):** Directed award-winning plays; led 20-member creative team.