

Ritik Kaliyar

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Education

Bachelor of Computer Applications	2022-25
Dev Bhoomi Uttarakhand University	Dehradun, Uttarakhand
Senior Secondary (12th) (CBSE)	2020-22
Mother Teresa Public School	Sarsawa, Saharanpur, U.P

Technical Skills

- Languages:** Python (Pandas, NumPy), SQL.
- Data Analysis:** Data Cleaning, EDA, Statistical Analysis, Feature Engineering.
- Visualization:** Power BI (DAX, Data Modeling), Matplotlib, Seaborn, Excel (Pivot Tables, Charts).
- Databases:** MySQL, MongoDB.
- Tools:** Jupyter Notebook, VS Code, Git/GitHub.

Projects

- Retail Sales Analysis & Dashboard (Power BI + Python)**
- Tools:** Power BI, Python, Pandas, Excel.
- Cleaned and transformed retails sales data using Python (handled missing values, duplicates and outliers).
 - Conducted Exploratory Data Analysis (EDA) to identify sales trends, top-performing products and customer buying patterns.
 - Built an **interactive Power BI dashboard** with KPIs, Slicers and category-wise performance visuals.
 - Helped identify **peak sales periods**, slow-moving items and regions-wise revenue contribution.
- Outcome:** Improved business visibility and enabled data-backed decisions for inventory management.
- Customer Churn Analysis & Prediction (Python + SQL)**
- Tools:** Python, Pandas, NumPy, Matplotlib, MySQL
- Retrieved and combined customer data from a SQL database using joins and aggregations.
 - Performed EDA to identify patterns linked to customer churn (using behaviour, complaints, tenure, spending).
 - Applied feature engineering to improve data quality and interpretability.
 - Built visuals reports showing churn rate by age, plan type and region.
 - Suggested actionable insights to reduce churn (improving service plans, customer engagement).
- Outcome:** Helped understand the key drivers of churn, enabling the business to focus on retention strategy.

Courses and Certifications

- Data Science Training | CodeSquadz (Sept 2025 – Present)**
- Focus: Advanced Python, Machine Learning Algorithms, MLOps, and Data Preprocessing.
- Data Analytics Bootcamp | 30days Coding**
- Focus: Power BI Dashboards, SQL, **Python**, Web Scraping, and Real-world Projects.

Language

- English
- Hindi