

# Ritesh Patial

Data Analyst | Python | SQL | Power BI

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## 1 Professional Summary

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Results-driven BCA graduate and Data Analyst skilled in Python, SQL, and Power BI. Experienced in data cleaning, EDA, and creating interactive dashboards to support business decisions. Strong in statistical analysis, visualization, and optimizing data workflows to deliver impactful insights.

## 2 Work Experience

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**Data Analyst Intern – Ziion Technology, Mohali, Punjab**

2025 – Present

- Analyzed real-time datasets to uncover trends, improving reporting efficiency by 15% through optimized SQL queries.
- Developed and deployed Power BI dashboards for sales, HR, and financial metrics, enabling stakeholders to make data-driven decisions 20% faster.

## 3 Technical Skills

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- **Programming Languages:** Python, SQL
- **Libraries:** NumPy, Pandas, Matplotlib, Seaborn
- **Data Analytics:** Data Cleaning, Data Visualization, Exploratory Data Analysis (EDA), Statistical Modeling, Business Intelligence
- **Tools:** Power BI, Git, Visual Studio Code, Jupyter Notebook, Microsoft Excel

## 4 Key Projects

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### SQL Projects

- *Employee Management System:* Designed and implemented SQL database to manage employee records, departments, and salaries, reducing query response time by 25%.
- *E-commerce Sales Analysis:* Conducted in-depth analysis of orders and revenue, identifying key customer trends that improved marketing strategies by 10%.
- *Library Management System:* Built a database to track books and borrowing history, streamlining operations for 500+ members.
- *Airline Reservation Database:* Managed flight and booking data, generating revenue insights that supported strategic planning.

### Power BI Projects

- **Blinkit Dashboard:** <https://tinyurl.com/mr2sesyv>
  - **Home:** Showcases user experience with mobile interface.
  - **Customer:** Displays customer details, feedback, and ratings.
  - **Inventory:** Highlights stock received, damaged stock, and damage percentages.
  - **Orders:** Tracks order IDs, payment methods, and total orders.
  - **Delivery:** Monitors delivery partner IDs, delay percentages, and delivery status.
  - **Marketing:** Analyzes marketing performance, clicks, impressions, and spend by audience.
  - **Performance:** Evaluates revenue, unique dates, and unique products.

- **Sales Performance Dashboard:** Improved sales strategy efficiency by 15% with visuals of sales, profit, and regional performance.
- **HR Analytics Dashboard:** <https://tinyurl.com/2ttmw7tk>  
Reduced attrition analysis time by 30% using interactive workforce metrics visualizations.
- **Customer Insights Dashboard:** Boosted customer retention by 12% through analysis of purchase patterns and demographics.

#### Python Projects

- **Basic Level:** Created a command-line to-do list application using Python, incorporating user input, list management, and file storage for task persistence.
- **Intermediate Level:** Developed a data analysis script using Pandas, Matplotlib, and Seaborn to process and visualize a dataset of sales records, identifying trends and generating summary reports with charts.

## 5 Education

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- **Bachelor of Computer Applications (BCA)** – Govt. Degree College, Dhaliara, Himachal Pradesh 2022 – 2025
- **Senior Secondary (Non-Medical)** – Govt. Senior Secondary School, Pragpur, HP Board 2022  
Achieved 74% in Physics, Chemistry, and Mathematics.
- **Matriculation** – Adarsh Senior Secondary School, Pragpur, HP Board 2020  
Scored 80% with distinction in Mathematics and Science.

## 6 Languages

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- English, Hindi (Native)

## 7 Interpersonal Skills

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- Team Leadership and Collaboration
- Strategic Decision Making
- Project Management and Coordination
- Multitasking and Time Management
- Effective Communication