

# Ritesh Patial

## DATA ANALYST | PYTHON|SQL|POWER BI

Himachal Pradesh | [LINKED-IN](#) | [GITHUB](#) | [PORTFOLIO](#) | [GMAIL](#) | 6230075812

### PROFESSIONAL SUMMARY

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Results-oriented BCA graduate and Data Analyst skilled in Python, SQL, Excel, and Power BI. Experienced in cleaning, analysing, and visualizing data to support business decisions. Hands-on with supervised machine learning (classification & regression), model training/testing, and building basic prediction pipelines. Strong in statistical analysis, workflow optimization, and creating interactive dashboards that deliver clear, actionable insights.

### COURSES & TRAINING

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#### Data Analyst Training – Ziion Technology, Mohali, Punjab

2025 – 21 NOVEMBER 2025

- Hands-on training in SQL, Python, Excel, Power BI, and core analytics workflows.
- Worked with real datasets to perform data cleaning, EDA, statistical analysis, and business-focused insights.
- Built interactive and optimized Power BI dashboards for sales, HR, and customer analytics.
- Developed SQL solutions using joins, aggregations, subqueries, window functions and performance-oriented query logic.
- Applied supervised ML techniques (classification & regression) to train, test, and evaluate basic prediction models.

### TECHNICAL SKILLS

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- **Languages:** Python, SQL
- **Libraries:** Pandas, NumPy, Matplotlib, Seaborn
- **Analytics:** Data Cleaning, EDA, Statistical Analysis, Data Modelling, Data Visualization
- **Machine Learning (Basic):** Supervised learning, model training/testing, algorithms, evaluation metrics, data preprocessing, and building simple prediction pipelines.
- **Tools:** Power BI, Excel, Git, VS Code, Jupyter Notebook, Google Colab, n8n (automation workflows)

### PROJECTS

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#### 1. Order, Delivery & Customer Analytics Dashboard (blinkit dashboard) (Power BI, Jupyter Notebook)

**Description:** Analysed order trends, delivery performance, and customer ratings using Python for data prep and Power BI for visualization.

**Problem:** Data was scattered and unclear, making it difficult to track delays, customer satisfaction, and outlet performance.

**Solution:** Cleaned the dataset and built a centralized dashboard that highlights key KPIs, helping the business quickly spot issues, compare outlets, and make faster data-driven decisions

#### 2. Smartphone Market Intelligence & Comparison Dashboard (Python, Power BI)

**Description:** Analysed Amazon smartphone listings using Python for scraping & cleaning, and Power BI for market insights and competitor comparison.

**Problem:** Smartphone brands lack clear visibility into competitor pricing, specs, value positioning, and market gaps—making launch decisions risky and guess-based.

**Solution:** Built a centralized intelligence dashboard that benchmarks competitors, compares brand performance, highlights pricing/value gaps, and supports data-driven launch strategy decisions for new or upcoming smartphone models.

#### 3. E-Commerce Sales & Tax Analytics Dashboard (SQL + Python + Power BI)

**Description:** Analysed sales, tax, customer, and product performance by cleaning data in Python, loading it into SQL, and building a Power BI dashboard with interactive KPIs and slicers.

**Problem:** Raw data was messy and spread across sources, making it hard to track sales performance, customer behaviour, and product-level insights.

**Solution:** Cleaned and structured the dataset in Python, stored it in SQL, and built a Power BI dashboard that delivers clear KPIs, customer insights, sales trends, and product performance for fast decision-making.

#### 4. Loan Approval Prediction Model — Python (ML Basics)

Predicted loan approval likelihood using cleaned applicant data and a supervised ML model, improving screening speed and consistency.

### EDUCATION

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Bachelor of Computer Applications (BCA) – Govt. Degree College, Dhaliara, Himachal Pradesh

2022-2025

### LANGUAGES

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- Hindi – Native
- English – Working Proficiency