

Prakamya Verma

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PROFESSIONAL SUMMARY

Detail-oriented and analytical aspiring Data Analyst skilled in data cleaning, data wrangling, and business intelligence. Proficient in SQL, Python, and BI tools like Power BI and Tableau to uncover actionable insights through EDA, data visualization, and statistical analysis. Experience in solving real-world problems and supporting data-driven decisions through impactful projects. Strong collaborator with proven teamwork and communication skills.

EDUCATION

Postgraduate Diploma (Big Data Analytics) CDAC's Advance Computer Training, School, Pune	2024 - 2025 Grade: 75.0%
Bachelor of Engineering (Computer Science) Chandigarh University	2020 - 2024 Grade: 6.6/10.0
Intermediate (Class XII) Green Valley Public School	2019 - 2020 Grade: 70.8%
Matriculation (Class X) Green Valley Public School	2017 - 2018 Grade: 77.4%

PROJECTS

Columbia Asia Hospital Analytics — SQL, Excel, Power BI ([Github](#)) February 2026

- Analyzed **9,200+ hospital visits** across **7 departments** by building an end-to-end Power BI dashboard, identifying operational patterns in patient flow, waiting time, and departmental demand.
- Developed a **star schema data model (1 fact + 4 dimension tables)** and created **10+ DAX measures** to track KPIs such as **average waiting time (35 mins)**, **patient satisfaction (5.0)**, and **total revenue of Rs.50.9 Cr.**
- Identified workload imbalance where **General Practice handled 7,240 visits**, and derived insights showing **2–3 minute waiting time reduction could improve satisfaction by 1–2 points.**

Social Media User Engagement & Content Analytics ([Github](#)) December 2025

- Analyzed user behavior, content performance, and engagement patterns using **MySQL (CTEs, joins, aggregations, Window Function)** on an Instagram-like schema.
- Identified **power users, micro-influencers, and inactive users**, driving insights for influencer marketing and re-engagement strategies.
- Evaluated **hashtag effectiveness and user-generated content**, enabling data-driven recommendations for personalized ads and content strategy.

IT Ticket Analysis - Spreadsheet Project ([Github](#)) October 2025

- Analyzed 97,498 IT helpdesk tickets (2016–2020) using Excel (pivot tables, charts) to track trends in ticket volume, resolution time, and customer satisfaction.
- Identified that System and Login Access issues accounted for **70%** of all tickets, while maintaining a stable average resolution time (**4.55 days**) and satisfaction score (**4.10**) despite a **123%** workload increase.
- Built an interactive IT ticket performance dashboard with KPIs, time-series trends, category-wise breakdowns, and data-driven recommendations on automation, prioritization, and process improvement.

CarDekho Market Analysis - Trends & Patterns ([Github](#)) June 2025

- Analyzed 5,000+ listings with **35%** from 2023 models highlighting growing demand for newer vehicles.
- Utilized SQL for creating schemas, retrieving data, and detailed query analysis.
- Segmented listings by fuel type, price and model year, uncovering clear customer preferences.

CERTIFICATIONS

Data Analytics Essentials Cisco ([Link](#)) June 2025

Gained foundational skills in data lifecycle, SQL, and visualization for deriving actionable insights.

Google Analytics Certification Google Digital Academy (Skillshop) ([Link](#)) June 2025

Proficient in Google Analytics setup, reporting, and data-driven insights for marketing optimization.

Learning Data Analytics: 1 Foundations LinkedIn ([Link](#)) June 2025

Built foundational skills in data collection, cleaning, visualization, and interpretation.

SKILLS

Computer Languages: SQL

Data Tools: Power BI

Software Packages: Excel, MySQL

Soft Skills: Teamwork

Others: Spreadsheet, Tableau, Problem-Solving, Analytics

EXTRA-CURRICULAR ACTIVITIES

- Achieved 5-star SQL rating on HackerRank
- Captained the winning team in the Sepak Takraw Tournament (2018 - 2019)