

## Jeevesh Varshney

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Portfolio | LinkedIn | HackerRank | GitHub | Leetcode

### PROFESSIONAL SUMMARY

Aspiring Data Analyst with hands-on experience in Python, SQL and Power BI. Built 6+ data projects involving EDA, dashboards, and insight generation. 5-star rated in Python and SQL on HackerRank; solved 100+ coding problems. Proficient in DBMS, data structures, and Excel-based analytics.

### TECHNICAL SKILLS

**Languages:** Python, C, SQL (Postgres, MySQL), HTML5, CSS

**Technologies:** Data Structures, DBMS, OOPS, Data Analytics

**Tools:** Excel, Power BI, MySQL, PostgreSQL

**IDE:** Visual Studio Code, Jupyter Notebook, Google Colab

### EDUCATION

Raj Kumar Goel Institute of Technology, Ghaziabad	<b>B.Tech in Computer Science and Engineering</b>	SGPA: 8.01	2022 – 2026
Ch. Chhabil Dass Public School, CBSE	<b>Senior Secondary (XII), PCM</b>	82.75%	2022
Ch. Chhabil Dass Public School, CBSE	<b>Secondary (X)</b>	88.75%	2020

### PROJECTS

- The Literary Heaven** | SQL Nov 2024
- Designed and implemented a comprehensive database system for “The Literary Haven”, modeling five interrelated entities (Users, Books, Sections, Purchases, and Interactions), and populated it with over 25 books and 5 users across 7 categories.
  - Conducted data analysis using SQL to identify the top 15 most purchased books, 10 most browsed genres, and books with low inventory turnover, aiding in strategic stock-level recommendations.
  - Performed purchase timing analysis and calculated inventory turnover rates to uncover consumer behavior trends and optimize sales and inventory planning.
- The Film Library** | Python, SQL, Power BI Nov 2024
- Cleaned and analyzed 8,778 Netflix titles using Python, handling missing data through mode imputation
  - Built Power BI dashboard to visualize trends in content type, country distribution, and release timelines
  - Enhanced data quality and insights to support content strategy decisions
- Breaking Down Accidents** | Python, pandas, matplotlib, seaborn, plotly Jan 2025 – Feb 2025
- Analyzed 1.4M+ U.S. road accidents using Python and pandas to uncover patterns across time, location, and severity.
  - Developed interactive visualizations with matplotlib and seaborn to identify high-risk zones and peak accident hours.
  - Improved data insights through preprocessing, feature engineering, and geospatial mapping.
- Spark Energy Efficient Power Analytics** | Python, Power BI, PySpark, SQL Feb 2025 – Mar 2025
- Analyzed 19.7K energy consumption records using Python and Power BI to predict appliance usage based on indoor and outdoor environmental variables.
  - Designed interactive Power BI dashboards and implemented data transformations using PySpark and SQL (SQLite in Colab) to streamline data processing.
  - Delivered comprehensive visual insights across 28 parameters, driving data-driven decisions for smart home energy optimization.
- Global Retail Dashboard Analysis** | Python, SQLite (SQL), Power BI Apr 2025
- Analyzed 1,000+ retail transactions across 13 countries using Python and SQL (SQLite in Colab) to extract insights on sales, profit, and shipping trends.
  - Built 4 interactive Power BI dashboards visualizing 10+ KPIs, revealing a 22% profit decline in discounted sales and performance across 17 sub-categories.
  - Enabled 30% faster decision-making by delivering actionable insights on customer segments, regional performance, and logistics efficiency.
- Laptop Lens** | Python, SQLite (SQL), Power BI Apr 2025
- Developed interactive Power BI dashboard using gaming data to analyze player activity and engagement trends
  - Performed EDA using Python to identify behavioral patterns and retention drivers

### CERTIFICATIONS

**What is Data Science?** | IBM

**Introduction to SQL** | Simplilearn

**MS Excel Mastery for Data Science and Financial Analysis** | Udemy

**15 Days of Power BI - Complete Microsoft Power BI Bootcamp** | Udemy

### EXTRACURRICULAR ACTIVITIES

**Core member** | DataQuest Club

**Core member** | Cultural Dramatic Society

Organized technical events in data science and analytics

Participated in theatrical events and performances