

# Jeevesh Varshney

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[Portfolio](#), [LinkedIn](#), [HackerRank](#)

[GitHub](#), [LeetCode](#)

## Summary

Aspiring Data Analyst currently pursuing B.Tech, with hands-on experience in Python, SQL, and PowerBI. Completed 6+ data-driven projects focused on EDA, dashboard creation, and business insight generation. 5-star rated in Python and SQL on HackerRank with 100+ coding problems solved. Strong foundation in DBMS, data structures, and Excel-based analytics. Eager to apply analytical skills in real-world problem-solving and contribute to data-informed decision-making

## Education

Dr. A. P. J. Abdul Kalam Technical University, Lucknow B.Tech. in Computer Science and Engineering(Data Science), SGPA:8.01 (Current)	Ghaziabad, UP 2022-Present
Ch. Chhabil Dass Public School, CBSE Senior Secondary (XII), PCM, 82.75%	Ghaziabad, UP 2022
Ch. Chhabil Dass Public School, CBSE Secondary (X), 88.75%	Ghaziabad, UP 2020

## Technical Skills

**Languages:** Python, SQL, MySQL

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

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

**IDE** - Visual Studio Code, Jupyter Notebook, Google Collab.

## Projects

### The-Literary-Heaven(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(Dec 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(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.

### Laptop Lens(April 2025)

- Analyzed a curated dataset of over 1,200 laptops by extracting performance metrics and price attributes using Python (Pandas, Matplotlib, Plotly) for informed tech-market insights.
- Built an interactive dashboard in Power BI with dynamic visualizations covering revenue breakdown, geographical distribution, category-wise insights, and customer behavior.
- Delivered data-driven business recommendations that improved visibility into top-selling regions, peak sales periods, and inventory optimization opportunities.

## **Global Retail Dashboard Analysis (April 2025)**

- Conducted in-depth analysis on a cleaned global retail dataset (10,000+ records), identifying key trends in sales, customer segments, and product performance using Python (Pandas, Seaborn) and Power BI.
- Developed a Power BI dashboard with slicers and interactive visuals enabling real-time comparisons across brands, processors, RAM/storage configurations, and GPU types.
- Delivered actionable recommendations for consumers and sellers by highlighting price-to-performance sweet spots and identifying value-for-money configurations across segments.

## **RCB Stampede (July 2025)**

- Simulated 12,567 crowd records across 35+ attributes to analyze the RCB stadium stampede scenario.
- Developed 4 interactive Power BI dashboards to visualize crowd density, incident triggers, and emergency response metrics.
- Used Python for data generation and DAX for deriving KPIs like response time, panic patterns, and ticket validation impact.

## **Additional Information**

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- 5-star in Python, and SQL on HackerRank.
- 150+ coding problems solved across various coding platforms.
- Core member of Drone Club: RKGIT.

## **Achievements and Certification**

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- What is Data Science? By IBM
- Introduction to Data Science in Python by University of Michigan
- Introduction to SQL by Simplilearn
- MS Excel Mastery for Data Science and Financial Analysis by Udemy
- 15 days of Power BI - Complete Microsoft Power BI Bootcamp by Udemy
- Communication Styles for Stronger Social Skills by Udemy
- SQL for Data Science by Great Learning
- Python(Basic) by HackerRank
- SQL(Intermediate and Basic) By Hackerank
- Participation in CodeClash 2025 – The Battle of Algorithms organised by Lets Code Community.
- Completed Data Analytics Job Simulation by Deloitte
- Data Science by Infosys Springboard
- Introduction to Business Intelligence by Infosys Springboard

## **Extracurricular Activities**

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- Core member of the **DataQuest Club**; organized multiple inter-department and college-level technical events, enhancing student engagement in data science and analytics.
- Secured **1st position in PPT Presentation** at **Tatva 23**, showcasing effective communication and domain knowledge.
- Awarded **"Innovator" tag** in a group discussion conducted by **IEEE** on IEEE Day for presenting unique ideas and practical insights.
- Achieved **2nd position in both Stage Play and Street Play** at **Tatva 23**, demonstrating strong teamwork, creativity, and public speaking skills.
- Winner of an **Open Mic competition** organized by the **Literary Society**, reflecting confidence and articulation in public forums.