

Vanshika Thakur

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📍 Punjab, India

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🎓 EDUCATION

B.Tech: Artificial Intelligence & Data Science, CGC Landran Current CGPA: 8.5	2022-2026
Class XII, Khalsa Try Century Public Sen Sec School Percentage: 98%	2021-2022
Class X, Khalsa Try Century Public Sen Sec School Percentage: 96.4%	2019-2020

📁 PROJECTS

For More Details:-
Github-: <https://github.com/vanshu03>

Heart Disease Analysis | Power BI & Python

- Performed **Exploratory Data Analysis (EDA)** on heart disease datasets.
- Identified **key risk factors**: high cholesterol (246 mg/dL avg), BP (131.61 mmHg avg), and fasting blood sugar.
- Found **higher prevalence in males & middle-aged** individuals (40-60 years).
- Developed Power BI dashboards for risk segmentation & trend analysis.

New York Taxi Data Analysis (Azure Synapse Analytics)

- Processed 1.5 billion+ taxi trip records using serverless SQL pool.
- Performed query optimization & data transformations for faster analytics.
- Converted data between formats (JSON, Parquet) for efficient cloud-based processing.

Expense Tracking System (Python, Streamlit, API)

- A CRUD-based API for tracking **100,000+** financial transactions.
- Implemented **authentication & role-based access**, enhancing security.
- Utilized logging & Postman testing to ensure API reliability.
- Designed an interactive dashboard in Streamlit to visualize user spending behavior.

Amazon Global Sales BI Dashboard (Power BI)

- Analyzed ₹12.64M sales & 178.31K units sold, identifying top/bottom-performing products.
- Mapped 31.98% sales to USCA & 51.48% to Home Office segment.
- Created **DAX measures** (e.g., sales projection, return %) & designed interactive **Power BI dashboard**.
- Identified high return rate (20.52%), recommending improvements for logistics & product quality.

Other Projects:-

Github-: <https://github.com/vanshu03>



SKILLS

- Programming & Scripting:** Python, R, SQL, C++, JavaScript, HTML, CSS
- Data Analysis & Visualization:** Power BI, Excel, Pandas, NumPy, Matplotlib, Seaborn, DAX Studio, Tableau
- Databases & Cloud:** MySQL, MS SQL Server, Azure Synapse Analytics
- Business Analysis:** Requirement gathering, impact & gap analysis, process mapping, stakeholder management, Jira
- Other Skills:** ETL, Data Modeling, Data Mining, Data Management, API Development, Agile Methodologies



INTERNSHIP

Data Analytics Intern

AtliQ Technologies | Jan, 2025 – 1 month

- Conducted **variance** and **ad hoc analysis** to assess performance trends.
- Developed **SQL queries** and **Power BI reports** for insightful decision-making.
- Assisted in **Data Normalization** for consistency and efficiency.
- Collaborated with **stakeholders** to enhance visualization strategies.



SOFT SKILLS

- Problem Solving & Analytical Thinking
- Communication & Stakeholder Collaboration
- Multi-project Management, Data-driven Decision Making, Sales Data Support
- Creativity & Critical Thinking
- Teamwork & Adaptability
- Time Management & Organization
- Attention to Detail
- Leadership



ACHIEVEMENTS

- Global Rank 46** in **CodeChef Starter 158**, 2-Star at **CodeChef**
- Secured **5-Star Badge** in SQL & Problem Solving at **HackerRank**
- Solved **200+ SQL** problems on **HackerRank**, **Leetcode** & **Codeforces**

CERTIFICATES:-

- Power BI Data Analytics – Code Basics
- Advanced Excel – Code Basics
- SQL, Python – Code Basics
- Azure Synapse Analytics | Udemy