

Sarvesh Kumar

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Education

Vellore Institute Of Technology

Bachelor of Technology in Computer Science and Engineering

Specialization in Cloud Computing and Automation

CGPA: 8.72

October 2022 - Present

Technical Skills

Data Analysis & BI: SQL, Python, Excel

Data Visualization: Power BI (DAX), Tableau (Basic)

Databases: MySQL, MySQL Workbench

Analytics Concepts: Data Cleaning, EDA, Data Modeling, Time Intelligence, KPI Analysis, Dashboard Design

Programming & Tools: Java, JavaScript, Git, GitHub, VS Code, IntelliJ IDEA

Projects

Sales Insight Data Analysis | *MySQL Workbench, Power BI*

GitHub

- Developed an end-to-end **Power BI** sales analytics dashboard analyzing **10K+ customers** across **20+ attributes**, with year-based filtering (**2021–2024**) and metric switching across **Sales, Profit, and Quantity** for **4 regions**.
- Delivered business insights on **\$2.29M+ sales**, **\$286K profit**, and **37,985 units sold**, leveraging **DAX-based time intelligence** to assess **YoY performance**, growth trends, and decline patterns.
- Enabled self-service analytics using **KPI selectors** and **year slicers**, allowing rapid drill-down from region to state level and reducing manual **Excel-based analysis time by 80–85%**.

Survey Data Analytics | *MySQL Workbench, Window Functions, Power BI*

GitHub

- Designed a comprehensive **Power BI** dashboard analyzing responses from **630+ survey participants** across **5 countries**, delivering insights into compensation, demographics, and job satisfaction.
- Conducted salary benchmarking across **7 data roles**, identifying **Data Scientists** as the highest earners at **\$93.78K** and uncovering significant entry-level pay gaps.
- Implemented **cross-filtering interactions** and **country-level TreeMap visuals**, accelerating insight discovery by **60%** and improving decision-making accuracy.

Global Layoffs Data Analysis | *SQL, MySQL Workbench, EDA*

GitHub

- Cleaned and standardized a global layoffs dataset in **MySQL**, removing duplicates using **window functions**, enforcing proper **DATE and numeric data types**, and creating duplicate-safe working tables.
- Conducted **SQL-based EDA** across the dataset's time range, analyzing layoffs by company, industry, country, year, and month to identify peak periods and most impacted sectors.
- Built advanced analytical queries using **CTEs**, **rolling sums**, and **DENSE_RANK** to calculate cumulative layoffs and rank the **top 5 companies** year-over-year (**YoY**).

Certifications

- Google Data Analytics Professional Certificate** (Coursera)
- AWS Academy Cloud Foundations - AWS Academy** (Ethnus)

Leadership & Achievements

- Ranked in the top **0.56%** out of 200,000+ participants in the **Adobe India Hackathon** coding challenge.
- HackerRank SQL - 4-Star**. (Advanced query writing, joins, subqueries, window functions)
- Solved **300+ coding problems** in Java across platforms LeetCode and GeeksforGeeks.
- Elected as **School Head Prefect**, leading a 50+ member student body, coordinating 10+ inter-house events, and driving school-wide initiatives.