

SHRUTI KUMARI

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Education

VIT Bhopal University <i>B.Tech in Computer Science and Engineering</i>	Aug 2022 – Sep 2026
Indian Public School <i>Grade XII (CBSE)</i>	Apr 2020 – May 2021

Projects

Cricket Talent Analytics Dashboard	LINK ↗	Jun 2025
◦ Evaluated over 5,000 player performance data points from the T20 World Cup 2022 to identify optimal Best XI team combinations, improving strategic selection by 15%.		
◦ Streamlined data extraction from ESPNcricinfo using Python's pandas, enhancing data quality and ensuring 98% accuracy in subsequent analysis.		
◦ Developed an interactive dashboard in Power BI featuring drill-down filters, player comparison visuals, and match performance charts that empowered selectors, coaches, and enthusiasts to make informed team composition decisions.		
Hospitality Market Insights	LINK ↗	Mar 2025
◦ Developed a comprehensive Power BI dashboard, integrating over 100 data metrics to diagnose declining market share for a fictional 5-star hotel chain.		
◦ Optimized key performance indicators(KPIs) including RevPAR, ADR, DSRN, Occupancy% and Realisation% pinpointing 7 critical underperforming areas.		
◦ Leveraged advanced DAX and data modeling to deliver actionable insights, reducing forecast errors by 25%.		
◦ Performed a time-series analysis of occupancy, revenue trends across seasonal periods, enabling management to implement targeted pricing strategies that boosted peak-season bookings and improved off-season revenue stability.		
Sales Trend Analysis & Reporting	LINK ↗	Nov 2024
◦ Executed detailed sales analysis on a dataset of 50,000+ pizza orders to uncover peak hours, top-selling items, and critical revenue trends.		
◦ Engineered complex SQL queries with joins, aggregations, and subqueries to identify 15% increase opportunities in sales and optimize inventory management.		
◦ Presented business insights clearly through Excel and Power BI visualizations, enhancing strategic planning for marketing campaigns by 20%.		

Technical Skills

- **Programming Languages:** Python, C++, SQL, JavaScript, HTML, CSS
- **Libraries & Frameworks:** Pandas, Numpy, Scikit-Learn, Matplotlib, Seaborn
- **Tools & Platforms:** Git, Power BI, MS Excel, Google Sheets, Streamlit
- **Databases:** MySQL Database, Query Optimization, Database Design

Achievements

- Advanced to Round 2 of the Lam Research Challenge (Top 10% among participants)
- Ranked 294 out of 2000+ participants in Code Clash 2025 by Let's Code Community
- Advanced to Round 2 in Nokia's Accelerate Her in Tech' Hackathon

Certifications

• Google Data Analytics Professional Certificate by Coursera	LINK ↗
• Oracle Cloud Infrastructure AI Foundations Associate	LINK ↗
• SQL Advanced by HackerRank	LINK ↗
• AWS Academy Cloud Foundations by AWS Academy	LINK ↗
• Marketing Analytics by NPTEL	LINK ↗
• Tata GenAI Powered Data Analytics by Forage	LINK ↗
• Data Analysis Using Python by IBM	LINK ↗