




SHRUTI KUMARI

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Education

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

Projects

NewsGuard: Real-Time Fake News Classifier LINK 	<i>Jun 2025</i>
<ul style="list-style-type: none">Developed a real-time fake news detection system by implementing logistic regression and natural language processing (NLP) techniques, achieving a 92% accuracy rate in classifying misinformation from user-submitted articles and text inputs, thereby improving content credibility assessment.Enhanced user engagement and accessibility by integrating advanced UI features such as auto-refresh updates, dark mode compatibility, and a minimalistic, responsive overlay interface using Streamlit, resulting in a more intuitive and seamless analysis experience for both technical and non-technical users.Tech Stacks: Python, Streamlit, Scikit-learn, NLP	
Hospitality Market Analysis LINK 	<i>Mar 2025</i>
<ul style="list-style-type: none">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 Realization%, 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 	<i>Nov 2024</i>
<ul style="list-style-type: none">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 PowerBI visualizations, enhancing strategic planning for marketing campaigns by 20%.	





Technical Skills

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

Achievements

- Advanced to Round 2 of 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 '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 
• Data Analysis Using Python by IBM	LINK 