SHRUTI KUMARI

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Education

VIT Bhopal University *Aug 2022 – Sep 2026*
B.Tech in Computer Science and Engineering

Indian Public School *Apr 2020 – May 2021*
Grade XII (CBSE)

Projects

NewsGuard: Real-Time Fake News Classifier LINK ↗ *Jun 2025*

- 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 ↗ *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 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 ↗ *Nov 2024*

- Executed detailed sales analysis on a dataset of 50,000+ pizza orders to uncover peak hours, top-selling items, andcritical revenue trends.
- Engineered complex SQL queries with joins, aggregations, and subqueries to identify 15% increase opportunities in salesand 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 Colab
- **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

- SQL Advanced by HackerRank **LINK** ↗
- The Bits and Bytes of Computer Networking **LINK** ↗
- AWS Academy Cloud Foundations by AWS Academy **LINK** ↗
- Marketing Analytics by NPTEL **LINK** ↗