

Sudikshya Acharya

Dallas, Texas, USA

+1 469-883-2017 | sxa8897@mavs.uta.edu | github.com/sudikshya724

Summary

Detail-oriented and motivated Information Systems undergraduate student with hands-on experience in data analysis, cybersecurity, and data manipulation. Certified through the Google Cybersecurity Certificate program with skills in network security, threat identification, risk management, and incident response. Adept at utilizing Python, SQL, and security tools to analyze data, secure systems, and support risk-informed decisions. Passionate about growing in the field of cybersecurity while leveraging a strong foundation in analytics, data protection, and team collaboration.

Education

University of Texas at Arlington – Arlington, TX, USA

Bachelor of Science in Information Systems

August 2021 - Present

Relevant Coursework:

- Database Management Systems (SQL)
 - Statistics for Business Analytics
 - Introduction to Computer Programming (Python)
 - Information Security (planned)
-

Certifications

Google Cybersecurity Professional Certificate – Coursera

Credential ID available upon request

Completed coursework in:

- Network Security & Monitoring
- Incident Response & Investigation
- Linux & SQL for Cybersecurity
- Risk Management and Mitigation
- Security Best Practices and Frameworks

Skills

Cybersecurity: Risk Identification, Threat Detection, Network Security, Incident Response, Vulnerability Scanning, Linux Command Line

Programming Languages: Python, SQL

Data Analysis & Visualization Tools: Excel (Pivot Tables, Advanced Functions), Power BI, Tableau

Libraries: Pandas, NumPy, Matplotlib, Scikit-Learn, Seaborn

Project Management & Tools: GitHub, Jupyter Notebook, Wireshark (basic)

Projects

Cybersecurity Risk Assessment Simulation (Google Certificate Program)

- Performed a risk analysis on a simulated organization, identifying vulnerabilities and proposing mitigation plans aligned with industry standards (NIST).
- Delivered a final security report that included asset inventory, risk matrix, and recommendations.

Multi-Sheet Excel Data Analysis and Visualization

- Analyzed datasets from multiple sources and created pivot tables, charts, and statistical summaries for insight-driven decision-making.

E-Commerce Customer Purchase Analysis

- Used Python and Pandas to clean and analyze large datasets. Identified customer segments and purchasing trends for business insights.

SQL Employee Database Management System

- Designed and implemented a database system using SQL. Wrote complex queries for data analysis and reporting.

Student Performance Dashboard

- Developed an interactive Tableau dashboard to visualize GPA distribution, attendance, and other academic performance metrics.

References

Available upon request.