

BIJANA KHADKA

Data Science Enthusiast | Graphic Designer

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🔗 GitHub Portfolio

SUMMARY

A detail-oriented Data Science enthusiast with hands-on experience in data analysis, machine learning, and natural language processing using Python and SQL. Complemented by a background in Graphic Design, skilled in developing data-driven solutions and transforming complex data into meaningful insights. Passionate about continuous learning and solving real-world problems through technology and creativity.

PROFESSIONAL EXPERIENCE

Somarjun Tech Company, *Graphic Design Intern* Aug/2024 – Sep/2024 | Butwal

- Created a variety of visual designs using Adobe Photoshop and Adobe Illustrator.
- Contributed to client projects by delivering creative and high-quality design solutions.
- Strengthened creativity, collaboration, and communication skills in a professional work environment.

EDUCATION

Lumbini City College Jan/2023 – Present | Butwal
Bachelor of Science in Computer Science and Information Technology(BSc CSIT)

Tilottama College, *High School* Jun/2019 – Sep/2021 | Butwal

SKILLS

Programming Languages: Python, SQL |

Libraries & Frameworks: pandas, NumPy, Scikit-learn, NLTK, TextBlob, Streamlit |

Machine Learning: Supervised Learning, Unsupervised Learning, Natural Language Processing (NLP) |

Data Visualization: Matplotlib, Seaborn, Tableau | Tools : Jupyter Notebook, Git, GitHub, VS Code |

Database: SQLite | Design Tools: Adobe Photoshop, Adobe Illustrator

CERTIFICATES

Data Science with Python - 3 Months Broadway Infosys, Kathmandu 2025 | Graphic Designing - 1 Month Butwal 2024

PROJECTS

Heart Disease Prediction 🔗

Predicted heart disease from patient medical data using machine learning - deployed as Streamlit web application.

Student Performance Prediction

Analyzed student data to predict final grades and pass/fail outcome using regression and classification models and deployed as Streamlit web application.

Sales Customer Analytics

Analyzed online retail transactions to discover business insights and segment customers using K-Means clustering and visualized using Tableau.

Amazon Review Sentiment Analysis

Classified Amazon product reviews as Positive or Negative using NLP techniques and machine learning models.

SQL Business Data Analysis

Extracted business insights from retail sales data using SQL queries and results are visualized

ORGANIZATION

Lumbini Elite - Student's IT Club, Lumbini City College, Joint Secretary

2023 – 2024

- Supported the planning and coordination of technical and student engagement activities.
- Collaborated with club members to organize events and promote student participation.
- Strengthened leadership, teamwork, and organizational skills.