UJJWAL KARKI

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EDUCATION

+2 Dhulabari Higher Secondary School| Jhapa, Nepal   (July 2020-June-2022)
Faculty: Science

Westcliff University |Presidential Graduate School|Kathmandu, Nepal   January 2023
Bachelor in Computer Science and Information (College Timing: 6AM to 8AM)

SKILLS

Technical Skills: Html, CSS, Python, Django, MySQL, Networking Basics, Canva, numpy, pandas, sklearn, seaborn, matplotlib, Java, C, C++, JavaScript, PHP, Jupyter Notebook, Laravel, Excel, Tableau, React, Data Analytics, MS SQL Server, SQL.

Soft Skills: Critical thinking, problem-solving, teamwork, time management, adaptability, attention to detail, effective communication, project coordination, client relations.

PROJECTS

Movie Dataset Correlation Analysis (Python)
- Analyzed relationships between movie features such as budget, revenue, popularity, and ratings using pandas, seaborn, and matplotlib.
- Visualized correlations to uncover patterns and support data-driven insights.

Breast Cancer Prediction Using Classification Model
- Built a Python-based model to classify breast cancer using medical data. Evaluated with precision, recall, and accuracy.
- Employed classification algorithms and evaluated model performance using precision, recall, and accuracy metrics.

Layoffs Data Analysis (SQL)
- Analyzed global tech layoffs (2020–2023) using SQL. Used CTEs, window functions, and ranking techniques.
- Used CTEs, ROW_NUMBER(), window functions, and date formatting to extract trends and rank companies by yearly layoffs.

Movie Dataset Cleaning & EDA (SQL + Python)
- Cleaned and explored movie data using SQL and Python. Found key patterns in budget, revenue, and popularity.
- Identified correlations between budget, revenue, and popularity using Python libraries like pandas, seaborn, and matplotlib.

COVID-19 & AirBnB Dashboards (Tableau)
- Built interactive dashboards in Tableau to visualize COVID-19 trends and Airbnb pricing insights.
- Used filters, slicers, and time-based visualizations to uncover location-based patterns.

Coffee & Bike Sales Dashboards (Excel)
- Created Excel dashboards with pivot tables and slicers. Tracked sales by product, region, and performance.
- Emphasized interactivity, KPIs, and trendlines in visual storytelling.

CERTIFICATIONS

- Artificial Intelligence Fundamentals by IBM [View Certificate]
- Artificial Intelligence Beginners Guide: What is AI? By Simplilearn [View Certificate]
- Networking Basics by Cisco [View Certificate]
- Python Data Analysis (2020)[View Certificate]

LEADERSHIP AND ACTIVITIES

- Involved in the College Programs, showcasing active contribution and collaboration.
- Completed 60 hours Induction Session covering APA Writing, Critical Thinking, Case Analysis, Academic IT Literacy and Development of Entrepreneurial Mindset.