Ujjal Koirala

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CARRER OBJECTIVES

Enthusiastic and driven computer science student with a passion for programming, eagerly pursuing an opportunity in a challenging role within the field. Excited to leverage and develop skills in a vibrant work atmosphere, dedicated to contributing to projects and advancing professionally.

EDUCATION

Secondary Education Examination (SEE) – 3.45 GPA 2019

Siddhartha Vidyapeeth Secondary School Gatthaghar, Bhaktapur

Plus 2 – 3.22 GPA 07/2019 – 11/2021

Knowledge and Wisdom Academy New Baneshwor, Kathmandu

Bachelor of Computer Science - IT (Hons.) -- 5th Semester 03/2022 -- Present

Sunway College Kathmandu - (Infrastructure University Kuala Lumpur) Maitidevi, Kathmandu

SKILLS

- Python
- NumPy
- Matplotlib
- Seaborn
- Pandas
- Scikit-learn
- Scrapy
- Django
- Power BI
- SQL
- Git and GitHub
- Office Package

PROJECTS

Investigating Netflix Movies

Pandas| Seaborn | Matplotlib

Conducted an analysis on Netflix movies data using Python, Pandas, and Matplotlib to uncover insights about the distribution of genres, release years, and viewer ratings.

DSA Project

Python and Django

Developed a Django web application with Bubble, Selection, and Insertion Sorts for user-input integers, featuring authentication and results on a new page.

Visualizing the History of Nobel Prize Winners

Pandas | NumPy | Matplotlib | Seaborn

This EDA project identifies the most commonly awarded gender and birth country among laureates.Additionally, it pinpoints the decade with the highest ratio of US-born winners and determines the decade-category combination with the highest proportion of female laureates. Furthermore, it delvesinto historical milestones, revealing the first woman to win a Nobel Prize and her respective category.Lastly, it compiles a list of individuals or organizations who have achieved the remarkable feat of winning multiple Nobel Prizes throughout history.

Analyzing Crime in Los Angeles

Pandas| NumPy | Matplotlib | Seaborn

This EDA utilizes publicly available crime data from Los Angeles Open Data to analyze patterns and trends. It begins by examining the frequency of crimes by hour, identifying peak crime hours. It further investigates the area with the highest frequency of night crimes (between 10 pm and 3:59 am). Finally, it categorizes crimes by age group, providing insights into the distribution of victims across different age brackets. Overall, the project aims to identify temporal, spatial, and demographicpatterns in crime occurrences.

Real Estate Web app

Python and Django

I have developed a real estate web application using Python's Django framework, designed to securely assist customers in finding their dream land, apartment, or house, incorporating user authentication for enhanced security and personalized experiences.

EXPERIENCE

Data Science intern at Dlytica Nepal Private Limited March 2024 - Present