DINESH SHRESTHA

+977 9826208403 | shresthadinesh71555@gmail.com

 dinesh-shrestha | shresthadinesh | shresthadinesh1.com.np

Kathmandu, Nepal

SUMMARY

Data Science enthusiast with a strong academic background in mathematics and computer science, experienced in data analysis, Machine Learning and proficient in Python, SQL. Committed to utilizing data-driven insights to solve complex real- world problems.

EXPERIENCE

- **Prodigy InfoTech []** — *Feb 2025*
  Data Science Intern — Remote
  - Created bar charts and histograms to visualize the distribution of categorical and continuous variables.
  - Performed data cleaning and exploratory data analysis (EDA) to identify key trends and patterns.
  - Developed a decision tree classifier to predict customer purchase behavior based on demographic and behavioral data.
  - Conducted sentiment analysis on social media data to understand public opinions and trends.
  - Analyzed traffic accident data to identify patterns related to road conditions, weather, and time of day.

EDUCATION

- **Nepalaya College** — *2020 - Present*
  BSc. in Computer Science and Information Technology — Kathmandu, Nepal
- **Orchid Science College** — *2017-2019*
  Computer Science — Chitwan, Nepal

PROJECTS

- **Movie Recommender System** — *Jun 2024*
  Tools: Python, NumPy, Pandas, Sk-Learn, Streamlit — []
  - Built a movie recommendation system using TF-IDF vectorization and cosine similarity.
  - Developed an interactive web app with Streamlit for movie searches and recommendations.

- **Book Recommender System** — *Nov 2024*
  Tools: Python, NumPy, Pandas, Sk-Learn, Streamlit, Matplotlib, Seaborn — []
  - Created a book recommender system using content-based filtering and cosine similarity.
  - Designed an interactive Streamlit app with visualizations for data insights.

SKILLS

- **Languages and Tools:** C, C++, Python, SQL, Git
- **Libraries Frameworks:** NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn
- **Data Science & Machine Learning:** Data Gathering, Data Cleaning, Exploratory Data Analysis (EDA), Feature Engineering, Feature Selection & Extraction, Supervised and Unsupervised Learning Algorithms
- **Mathematics for ML:** Statistics, Probability, Linear Algebra, Matrices
- **Tools for Data Analysis:** Tableau, Power BI, Excel
- **Databases:** MySQL

CERTIFICATIONS

- **Data Science with Python** – Mindrisers Institute of Technology — *2024*
- **Complete Data Science Bootcamp 2024** – Udemy — *2024*

ADDITIONAL INFORMATION

Designing: Proficient in using Canva for creative designs and content creation.
MS Office: Skilled in Microsoft Word, Excel, and PowerPoint for documentation and presentations.
Tech Meetups: Active participant in local data science and AI workshops.