

Sandesh Pahari

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Education

Pokhara University

Bachelor's in Computer Engineering

Pokhara, Nepal

10/2021 - 08/2025

Projects

Smart Intrusion detection with real time alerts

Pokhara University, Final Year Project

- Developed an Model for face recogniton and pattern recognition
- Used own dataset for the model creation
- Project link : [Smart Intrusion detection with real time alerts](#)

Sales Data Analysis

- Performed exploratory data analysis on sales datasets.
- Cleaned, transformed, and visualized data to extract trends.
- Used Python, Pandas, Matplotlib, and Seaborn.
- Project link: [Sales Data Analysis](#)

Movie Rating Analysis

- Analyzed movie datasets to understand rating patterns.
- Applied data preprocessing, visualization, and insights generation.
- Tools used: Python, Pandas, NumPy,Seaborn.
- Project link: [Movie Rating Analysis](#)

MPG predict project

- Built a regression-based machine learning model to predict vehicle Miles Per Gallon (MPG) using historical automobile data.
- Performed data cleaning, preprocessing, and exploratory data analysis (EDA) to understand relationships between features such as weight, horsepower, and mileage.
- Visualized feature distributions and correlations using Seaborn and Matplotlib for better insight into data patterns.
- Split the dataset into training and testing sets using scikit-learn to ensure unbiased model evaluation.
- Implemented a Linear Regression model to predict MPG and analyze feature impact.
- Evaluated model performance using key regression metrics: Mean Absolute Error (MAE), Mean Squared Error (MSE), and R² score.
- Project Link : [MPG Prediction Project](#)

Skills

Programming Languages:  Python,C++,C

Tools and Frameworks: Git, GitHub, Jupyter Notebook,Scikit-learn

Languages: Nepali (native), English (proficient)

Data Analysis: Pandas, NumPy, Seaborn

Other: Problem-solving,Teamwork,Communication

Strengths

- Fast Learner
- Detail-oriented
- Strong analytical mindset
- Ability to work in terms and independently