Sami Ullah

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Profile

Aspiring Data Scientist with a Bachelor's degree in Information Technology and a strong passion for AI, data analysis, and machine learning. Proficient in building data-driven solutions to real-world problems, with hands-on experience in predictive modeling, exploratory data analysis (EDA), and feature engineering. I am eager to contribute my skills and continually grow in the field of data science.

EDUCATION

Bachelor of Science in Information Technology **(2020-2024)**
Government College University Faisalabad(GCUF) Pakistan
Intermediate of Computer Science **(2018-2020)**
Gabriel College Mandi Bahauddin

SKILLS

- Python
- Machine Learning
- Data Science
- Exploratory Data Analysis (EDA)
- HTML , CSS
- Flask

Projects

Student Performance Indicator

- This project aims to predict student performance based on various features such as gender, race/ethnicity, parental education level, lunch type, and scores in reading and writing.
- The analysis and prediction model provide insights into factors affecting students' math scores.

Flight Fare Prediction

- Built a predictive model using the **Random Forest Regressor** to estimate airline ticket prices.
- Implemented data preprocessing, feature engineering, and thorough analysis.
- Achieved high model accuracy by optimizing hyperparameters.

Car Price Prediction

- Developed a machine learning model to predict car prices using Python, Pandas, and Scikit-learn.
- Conducted data cleaning, feature engineering , and exploratory data analysis to optimize model performance.

Laptop Price Prediction

- I developed a machine learning model to predict car prices.
- The project involved extensive data preprocessing, handling missing values and outliers, and implementing regression algorithms to improve prediction accuracy.

Movie Recommendation System

- Developed a movie recommendation system using collaborative filtering and content-based filtering techniques to provide personalized movie suggestions.
- Employed cosine similarity to recommend movies with similar features for content-based filtering.

Certificate

- Data Analyst Course From WsCube
- The Machine Learning Process A-Z From (365 DataScience)
- Introduction to Data and Data Science From (365 DataScience)
- Machine Learning in Python From (365 DataScience)