# Sami Ullah

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## Profile

I am an aspiring data scientist with a background in Information Technology. I have a strong interest in AI and data analysis and data science. I am eager to learn and apply data science techniques to real-world problems.

## 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 Analysis
- Data Science
- Exploratory Data Analysis (EDA)
- HTML , CSS

## Projects

**Flight Fare Prediction**

- Developed a machine learning model using Random Forest Regressor to predict airline ticket prices based on historical flight data.
- Performed data preprocessing, feature engineering, and data analysis, achieving strong model accuracy.

**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**.**

**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.

## 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)