CHIRAG

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Experience

Data Scientist

CodSoft   *October 2023 - November 2023, Virtual*

- During a 4-week program, I completed projects: predicting Titanic passenger survival, car price prediction, and iris colour prediction.
- These projects allowed me to apply various techniques like data cleaning, feature engineering, model building, and visualization differently in all of 3 projects.
- CERTIFICATE recognized with 2 certificates accredited with MSME and ISO.

Projects

Terror Analysis Model

                                                                          CodersCave September 2023 - October 2023

- Conducted terror analysis using exploratory data analysis (EDA) techniques.
- Identified patterns and trends in terrorist activity using data visualization.
- Developed insights to inform counterterrorism strategies.

House Price Prediction Model

                                                                          IBM February 2023 - May 2023

- Developed a Prediction Model using Python and machine learning by analysing data for more than 20,000 houses.
- Implemented data processing (21613 * 22), and Linear Regression to analyse data and predict housing prices.
- Achieved 70% accuracy on r2 score which demonstrates ML concepts and ability to apply them to real-world.

Medical Store Management System

                                                                          Chandigarh University February 2022 - July 2022

- Created a system *using Python, Tkint*er, and PostgreSQL to manage 1000+ medicines in pharmacy.
- Designed a user-friendly interface for adding, editing, deleting, and searching medicine records.
- System completely based on offline working in a system, designed for 1 shop at once.

Car Parking system management

                                                                          Chandigarh University January 2021 - May 2021

- Coded a car parking system management system using C++ to manage 100 vehicles.
- Implemented 3 features for vehicle entry/exit, slot management, parking fee calculation, and reporting.
- Utilized data structures and algorithms to ensure efficient resource allocation and optimal parking management.

Education

Bachelors of Engineering. in Computer Science and Business Systems	*Chandigarh University - Mohali, Punjab - 2024 - 8.44*
XII (Physics, Chemistry, Mathematics).	*S.R.S. Public School (CBSE) - 2020 - 95.8%*
X	*S.R.S. Public School (CBSE) - 2018 - 92.67%*

Certificates

ELQ Topper	*DCPD. Chandigarh University 2023*
Ideathon.	*Standard Chartered, 2023*
SQL (Basic).	*HACKERRANK 2022*
Python (Basic).	*HACKERRANK 2022*

Coursework

Microsoft Power BI professional Certificate	*Microsoft, Coursera - 2024 - Microsoft Excel, Power BI (Ongoing)*
Machine Learning	*Internshala - 2022 - Linear & Logistic Regression - 70%*

Skills

Programming languages: C++, Python
Database management: SQL, PostgreSQL
Data Analytics: Microsoft Excel, Power BI
Soft skills: Drive and initiative, Detail oriented, Time constrained, Teamwork, Strong written and oral communication, Leadership.

Hobbies

Cycling, Travelling, Playing Chess