

ADITYA SINGH CHAUHAN

Software Developer

Proficient in DSA with C++, Python, and Machine Learning. Skilled in data analysis with MySQL, Numpy, Pandas, Matplotlib, Seaborn, Flask, and statistics. Experienced in statistical analysis, Excel, and Power BI. Strong foundation in computer fundamentals including OOP, DBMS etc..

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EDUCATION

BTECH(2022-2026) INFORMATION TECHNOLOGY and ENGINEERING

Maharaja Agrasen Institute of Technology,Delhi

2022 - Present

GPA : 8.4

12 th (PCMB)

Sun Valley international school

2021

93.8%

10 th

Sun Valley International School, Vaishali

2019

93.8%

PERSONAL PROJECTS

DIABETES PREDICTOR USING LOGISTIC REGRESSION

- Developed a robust diabetes predictor achieving an impressive accuracy rate of 0.796875.
- Leveraged advanced data science tools and libraries, including Python's scikit-learn and pandas, for comprehensive data preprocessing and analysis.
- Employed logistic regression, a powerful machine learning algorithm, to construct the predictive model.
- Seamlessly integrated data visualization techniques with matplotlib and seaborn to enhance the interpretability of the model's predictions.

Car Price Predictor - Machine Learning Project

- Developed a Car Price Predictor using Linear Regression, achieving an outstanding R-squared score of 0.92.
- Employed OneHotEncoding to handle categorical features like 'name,' 'company,' and 'fuel_type.'
- Created a robust pipeline for data preprocessing, model training, and evaluation.
- Successfully predicted the price of used cars based on features including company name, model name, year of purchase, and more.

Spam Classifier - Machine Learning Project

- Developed a robust SMS/Email Spam Classifier using various machine learning algorithms, including Multinomial Naive Bayes (MNB).
- Achieved exceptional performance with an accuracy of 97.87% and a precision of 93.28% in distinguishing between spam and non-spam messages.
- Enhances message filtering and security, demonstrating expertise in machine learning and data analysis techniques.

SKILLS

Machine Learning

Python

SQL

DBMS

OOPS

Statistics

Data structure and algorithms (Python and C++)

Algorithms

Linear Regression

Prompt Engineering

Frontend development

Data Structures

Public speaker

Computer fundamentals

ACHIEVEMENTS

4 star on Hackerrank (SQL) (LINK: <https://www.hackerrank.com/dashboard>)

Solved 200+ problems on leetcode.(LINK: <https://leetcode.com/adit2005/>)

Participated in Hack with MAIT.

Hacktoberfest'23 contributor.

WORK EXPERIENCE

Member at Computer Society of India

CERTIFICATES

SQL certified from Hackerrank.

Python certified from Hackerrank.

LANGUAGES

English

Full Professional Proficiency

Hindi

Full Professional Proficiency

INTERESTS

Competitive Programming

Problem solving

Public Speaking

Storyteller with Numbers