# Subam Singh

## Jind Haryana 126102

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# Summer Training

**Python, Data Science & Machine Learning Integrated | Cipher Schools**

* Completed an in-depth training program on python, data science & machine learning covering libraries, arrays, stacks.
* Gained hands-on experience in problem-solving and coding implementations using Python.

# Projects

**House Price Prediction Project |** Python, Pandas, NumPy**Aug 2024**

* Developed a machine Learning model to predict house prices based on various features.
* Utilized datasets from Kaggle/Zillow containing historiacal house prices and property attributes.
* Implemented multiple regression models (Linear Regression, Random Foresst, XGBoost) for prediction.
* Gained insights into feature importance, data preprocessing techniques, and real-world prediction modeling.
* **Github -** https://github.com/webdeveloper96717/House-Prediction-Project.git

**SmartPlay AI** *|* Python , Scikit-learn**Aug 2024**

* Utilized machine learning(ML) algorithms to enhance decision-making and player behaviour prediction.
* Utilized Python and Pandas for data preprocessing and feature engineering.
* Designed and tested bot performance in a simulated gaming environment for efficiency and accuracy.
* Employed Principal Component Analysis (PCA) to reduce dimensionality for better visualization.
* **Github -** https://github.com/webdeveloper96717/VENOMxDDOS.git

# Achievements

**Hackathon Sep 2024**

*Smart India Hackathon*

*Cyber Security Hackathon.*

* Learned to work with team in a more productive way and had fun with the possibly best team.

# Certificates

**The Complete Python Bootcamp | Udemy Nov 2022**

Udemy - https://www.udemy.com/certificate/UC-617a93ab-94fb-4a0e-8fef-1e1082c578e6/

**Python, Data Science & Machine Learning Integrated | Cipher Schools July 2024**

Cipher Schools *—* https://www.cipherschools.com/certificate?id=6625050a0e5fc49e9cfa54b2

# Technical Skills

**Languages:** C++, C, Python, SQL

## **Technologies/Frameworks**: Scikit-learn, XGBoost, Pandas, NumPy, Matplotlib, Seaborn, Supervised & Unsupervised Learning, Decision Trees, Random Forest, SVM, Clustering (KMeans, DBSCAN)

**Skills**: Data Structures and Algorithms, Text classification, Named Entity Recognition, Hyperparameter tuning, Feature Engineering, Dimensionality Reduction, Linear Algebra, Probability, Statistics, Git/GitHub

# Education

**Lovely Professional University Punjab 2022 – 2026**

*Computer Science and Engineering Jalandhar, Punjab*

**Delhi Public School 2021 – 2022**

*Senior Secondary with Science — Percentage: 71% Jind, Haryana*

**Delhi Public School 2019 – 2020**

*Matriculation — Percentage: 75% Jind, Haryana*