Shivansh Mahajan

Linkedin | 9798940184 | l e e t c o d e | Shivansh.m2003@gamil.com | GitHub

Skills

- **Languages** :- C++ | Python | C | Swift | SQL
- **Python Libraries** :- Numpy | Pandas | Matplotlib | Seaborn | Scikit-Learn | TensorFlow | Streamlit | Spacy | fastapi
- **Technologies** :- Data Analytics | Machine Learning | Deep Learning | Natural Language Processing
- **Tools :-** Tableau | Excel | GitHub | AWS (EC2 ,S3)

Experience

Smart India Hackathon 2023-(Participated) **06/2023 - 08/2023**

- We've created an advanced Phishing Website equipped with an SMS Spam Detector and a Malicious URL Detector. This platform integrates machine learning models such as XGBoost and the Random Forest Algorithm for enhanced functionality.
- Tech Stack:- HTML, CSS , JavaScript , Fast Api , Scikit-Learn , AWS

Prodigy Infotech- Machine Learning (Virtual Internship) **12/2023 - 01/2024**

- I have developed two ML projects Mall Customer Segmentation and House Price Prediction.
- Mall Customer Segmentation :- models used K means algorithm.
- House Price Prediction :- model used Linear Regression.

SSOC Season 3 - Open Source Competition **05/2024 - 06/2024**

- I have solved 2 issues of two different repository :- ML-Crate and AI-Code.
- ML-Crate :- I've created a Streamlit web application for real-time vehicle risk prediction using an Artificial Neural Network (ANN).
- AI-Code:- I have developed various NLP preprocessing functionalities such as stemming, bag-of-words (BOW), tokenization, and word embeddings, each in separate code files.

Bitwise Coordinator **CSI JUET Guna** **10 November, 2023**

Education

Bachelor of Technology **Jaypee University of Engineering Technology.** *Guna, Madhya Pradesh* **10/2022**

- Major in Computer Science Current CGPA :- 7.3

Projects

- **Medical App :** GitHub link **:-** https://github.com/shivansh-2003/Medical-App . In this project, I've developed several medical prediction tools, including Lung Disease, Heart Failure, Kidney Disease, Obesity, and Diabetes Prediction models. These models utilize XGBoost and Random Forest algorithms and have been deployed using Streamlit for seamless accessibility.
- **Movie Recommender System :-** GitHub Link:- https://github.com/shivansh-2003/movie_recommender . This project uses NLP to analyze movie features like genre, actors, directors, and ratings. A machine learning model, trained with these features, recommends similar movies. Deployed via Streamlit, it offers real-time, personalized movie recommendations.
- **Car Price Prediction :-** GitHub Link:- https://github.com/shivansh-2003/Car-price . A machine learning project aimed at predicting car prices using linear regression, which has been deployed within a Flask framework.
- **Iris Flower Classification** :- GitHub Link:- https://github.com/shivansh-2003/iris_flower . It's a Machine Learning project centered around predicting car prices using the Random Forest Classifier algorithm, and it's been deployed within a Streamlit framework.

Certifications

- Advance Learning Algorithm
- Supervised Machine Learning Algorithm
- The Power Of Statistics
- Crash Course on Python
- Working Smarter with Microsoft Excel