SMART-EV

Dynamic Pricing Of EV Stations

Predicting :-

- ➔ **Dynamic Price of EV (Electronic Vehicle) charging station**

- ➔ **Approximate Waiting Period**

Machine Learning Model Used:

Regression

Parameters used for Model Training

Number of Cars

Time

Day/Night

01 Data Generation

Used a simple Python Script to generate Dataset

02 Car Detection

Used YOLO(You look only Once), an Object detection model for detecting cars and get the total count of it.

03 Model Training

PyTorch has been used for Model Training

04 Securing Model

The model is made secure using Encrypted Deep learning with the help of PySyft library

THANK YOU!