Main aim of this project to predict CO emission from the given data which is related to car models and their CO emission. In order to predict CO emission we need 13 feature for more details run our project. This project will help us to reduce CO level or to control CO level in our atmosphere. As this Machine Learning model predict CO emission from the component of engine , transmission, transmission type, fuel etc. By using this model we can predict CO emission in earlier stage of car development with 90% accuracy on unseen data. This model will help car manufacture to gain information regarding their car without running several test which will reduce cost of designing as well as R&D. This web application can be also used by National Govt. to make sure no car manufacture is using engine with high level of CO emission . Govt. can use this application to predict the CO emission of different car and after that they can cross check this by surprise inspection.