Lab Task: 23/04/2022

Task 1: Build a learning agent that predict the CO2 emission from vehicles using Artificial neural network.

- Download the dataset from https://www.kaggle.com/datasets/sarita19/fuel-consumption

- The target feature is CO2 emission and ignore the unnecessary features from the dataset.

- Construct an artificial neural network by considering the input and output requirements.

- Identify a suitable metric and evaluate the model.

Task 2. Build a learning agent that recommends crop for cultivation using logistic regression method.

- Download the dataset from https://www.kaggle.com/datasets/atharvaingle/crop-recommendation-dataset
- Construct a logistic regression model and plot the confusion matrix.
- Calculate the accuracy for the constructed model.