

# Carbon-Aware Machine Learning Report

This report summarizes the environmental impact of training two machine learning models using the CodeCarbon library.

## 1. MNIST Digit Classification

- Framework: TensorFlow
- Dataset: MNIST handwritten digits
- CO2 Emissions during training: 0.0002 kg CO2
- Model saved as: mnist\_model.h5

## 2. California Housing Prediction

- Framework: scikit-learn (Linear Regression)
- Dataset: California Housing
- CO2 Emissions during training: 0.0000 kg CO2
- RMSE (Root Mean Square Error): 0.7456
- Model saved as: california\_model.pkl

*Report generated using FPDF in Python.*