README file for Pytorch CycleGAN project

Introduction:

This project is a clean, simple, and readable implementation of CycleGAN in PyTorch.. The model was trained on the Horses and Zebras dataset and the results are on par with the original paper.

Dataset:

The dataset used in this project is the Horses and Zebras dataset. You can download it from Kaggle using the following link: https://www.kaggle.com/andrewmvd/zebra-vs-horse

Pretrained weights:

You can download the pretrained weights for this model from the following link: [link]. Extract the files and put them in the same directory as the Python files.
Make sure you set the LOAD_MODEL variable to True in the config.py file.

Requirements:

All the requirements for implementation are mentioned in the “src(pytorch)” file named as “requirement(pytorch).txt”**.**

Training:

To train the CycleGAN model, you need to edit the config.py file to match your setup, and then run train.py. You can adjust the hyperparameters in the config.py file as needed.

Results:

The model was trained on the Horses and Zebras dataset and produced high-quality results. The input images are in the first column, the generated images are in the second column.

Conclusion:

CycleGAN is a powerful deep learning model that can be used for unpaired image-to-image translation. This project provides a clean and simple implementation of CycleGAN in PyTorch that produces high-quality results on the Horses and Zebras dataset.