Small Report – UNET Model

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1, The transformation usage:

Data Agumentation:

A screenshot of a computer

Description automatically generatedA screenshot of a computer

Description automatically generated

2, Architecture ResNet18 + Unet:

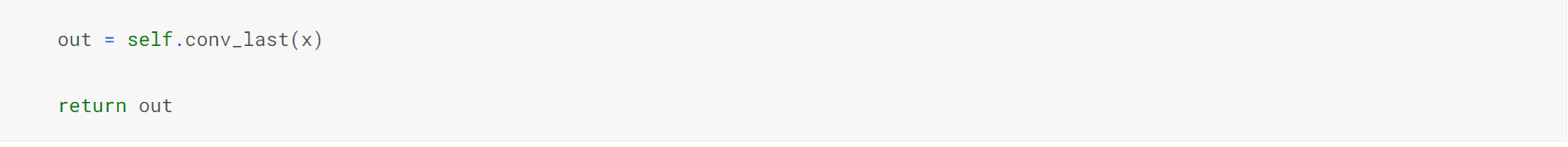
Instead of using decoder blocks at first, I use resnet18 + unet for trainning this model. This can improve segmentation tasks more efficiently.

A screenshot of a computer code

Description automatically generated

A screen shot of a computer

Description automatically generatedA screenshot of a computer

Description automatically generated

A graph showing loss of a stock market

Description automatically generatedA graph showing a loss

Description automatically generated with medium confidence3, Train loss and valid loss depiction:

4, Link github repository: https://github.com/VTMinh-20210597/Deep-Learning-Assignment-3.git