



Network Goals



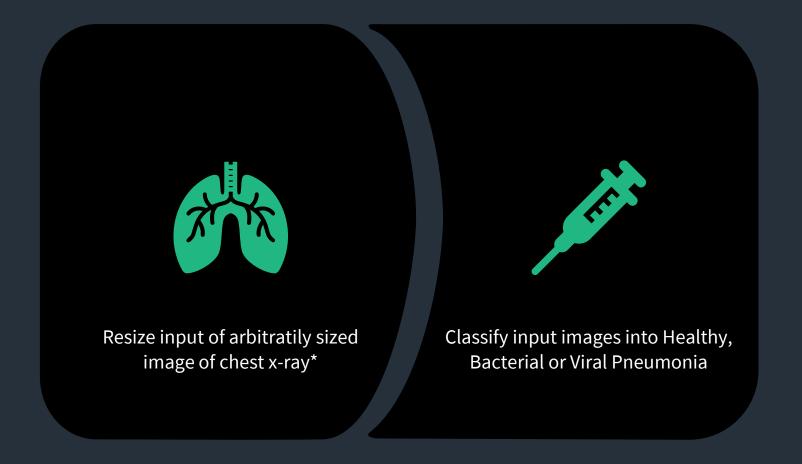


Network Parameters



Evaluation

Network Goals



*images taken from kaggle.com

Network Parameters

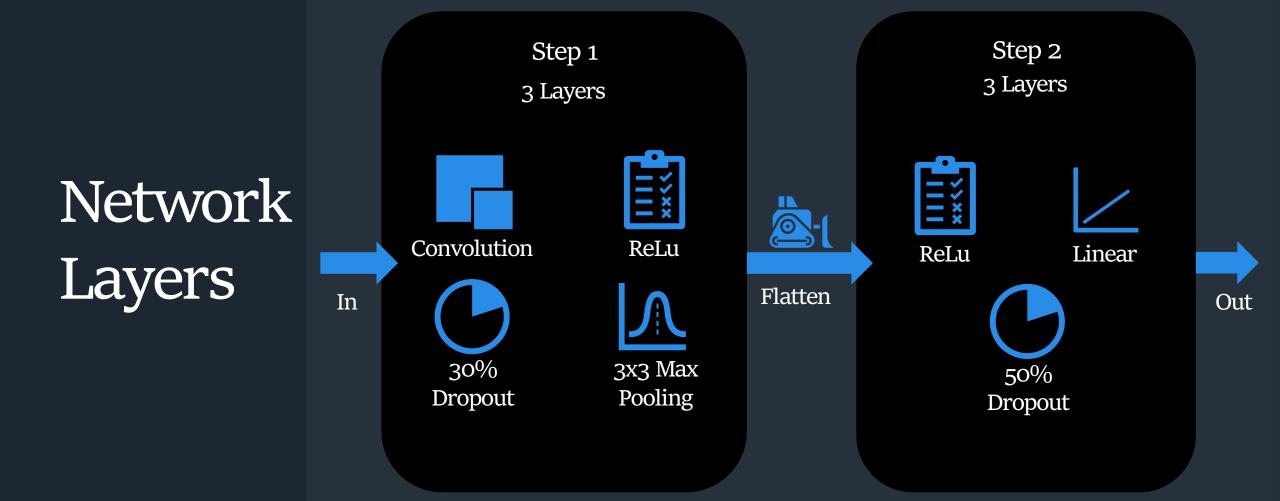
750x500 pixel images input with one colour channel

Custom PyTorch dataset class to further transform, normalize and deliver data do the dataloader

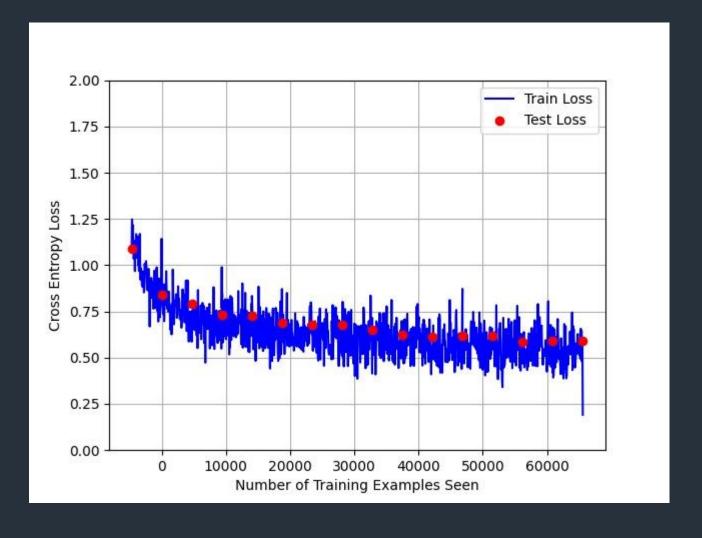
3 convolutional layers and 3 linear layers

Cross-entropy loss computation

Adam algorithm optimizer

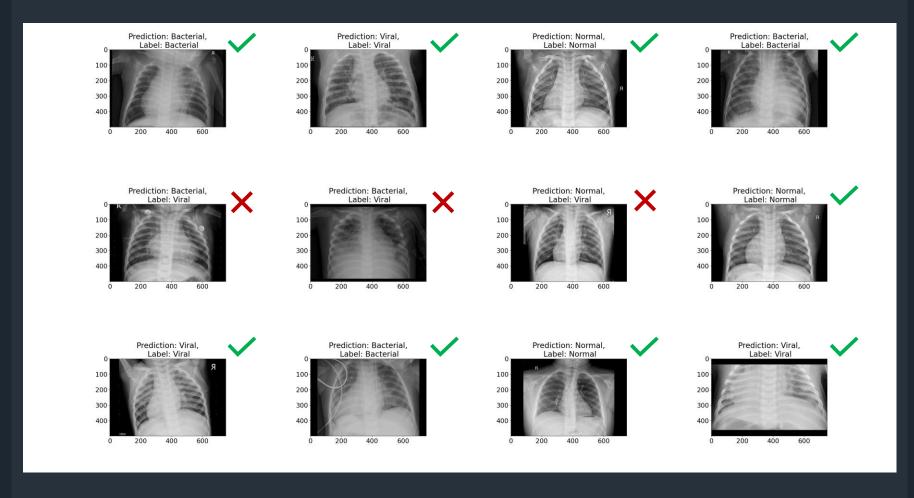


Evaluation



- > 15 Epochs
- ➤ Accuracy of up to 77%

Evaluation



➤ Viral recognition most problematic

Outlook



Weighting of features



Resampling of training set



Adjustment of cost function



More computational power

Questions?

