

Dataset: <https://www.kaggle.com/paultimothymooney/chest-xray-pneumonia>

Classification Task: Identify the pneumonia positive and negative cases.

Approach: Use Spatial Transformer Network for classification

Output:

```
precision = tp/(tp+fp)
recall = tp/(tp+fn)

print("Recall of the model is {:.4f}".format(recall))
print("Precision of the model is {:.4f}".format(precision))
```

Recall of the model is 0.9385

Precision of the model is 0.8551