

# Building and Training an Image Recognition Model



**Anand Saravanan**  
Software Developer / AI Enthusiast  
[@asaravanan](https://twitter.com/asaravanan)



**Let's dive into creating our own  
convolutional neural networks!**



# Comparing Accuracies

F1 Score



Confusion Matrix

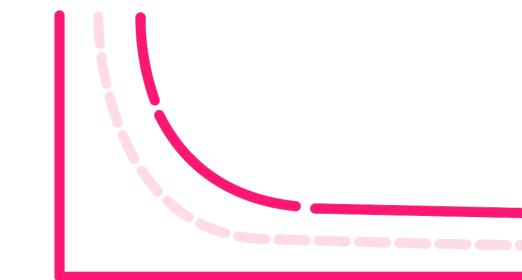
A diagram illustrating a confusion matrix. It shows a 2x2 matrix with values: top-left is 4, top-right is 7, bottom-left is 1, and bottom-right is 5. The matrix is enclosed in a pink bracket on the left and top.

4	7
1	5

Recall



ROC Curve (AUC)





**Let's implement our accuracy  
metrics!**



# Summary



**Mechanics behind CNNs**

**CNNs and their applications**

**Create our own CNN for image classification**

**Utilize transfer learning**

**Comparing accuracy metrics**



# Congratulations and Good Luck!

