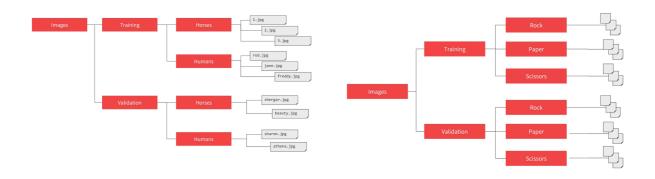


Week 4

From Binary to Multi-Class

Compared to the horses and humans



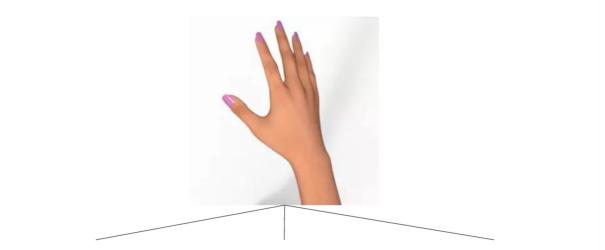
Rock, Paper, Scissor class

 A difference compared to previous code during is using "categorical" instead of "binary"

 In model definition, instead of using sigmoid use softmax with 3 neurons for output

Week 4

• The image below visualizes an example



Rock: 0.001 Paper: 0.647 Scissors: 0.352

 The finial change is during compiling the network, instead of "binary_crossentropy" for loss, use "categorical_crossentropy"

Week 4

Code for Rock Paper Scissor

-FILE-

Weekly Test

-FILE-

Week 4