

05_05_7:07:42PM

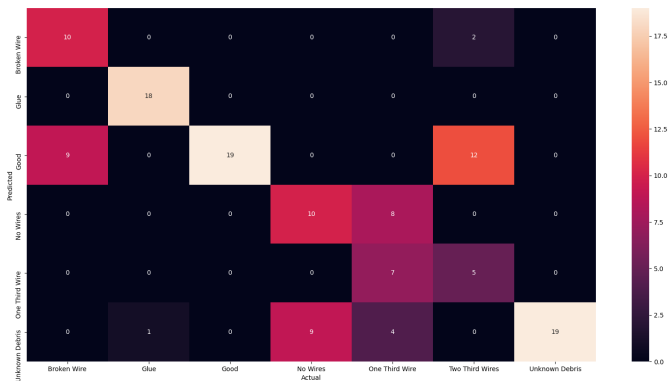
Too accurate, probaly beacuse I trained it on the wrong dataset but
it was the training method was pull from this tutorial on transfer learning

https://github.com/tensorflow/docs/blob/master/site/en/tutorials/images/transfer_learning_with_hub.ipynb

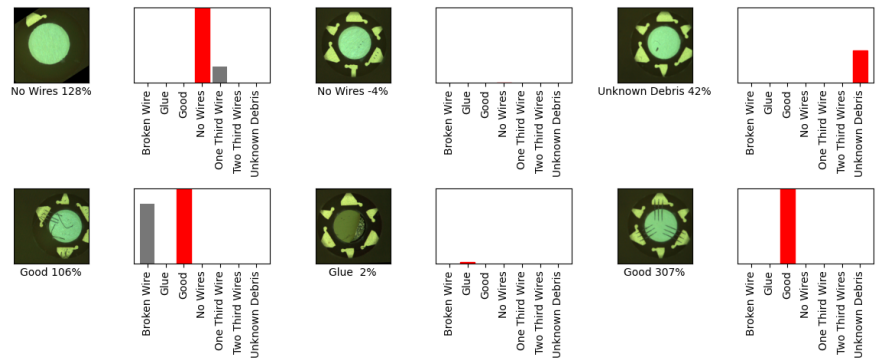
Model Summary Model: "sequential_1"

Layer (type)	Output Shape	Param #
keras_layer_1 (KerasLayer)	(None, 1280)	2257984
dense (Dense)	(None, 7)	8967

Total params: 2,266,951 Trainable params: 2,232,839 Non-trainable
params: 34,112



Confusion Matrix



Random Samples

Dataframe predictions “ predicted actual confidence path 0 One Third
Wire One Third Wire -0.511023 one_thirds_wires/augmented_image_3.jpg 1
No Wires One Third Wire 0.301373 one_thirds_wires/augmented_image_2.jpg

2 One Third Wire One Third Wire -0.511023 one_thirds_wires/augmented_image_1.jpg
3 No Wires One Third Wire 0.001090 one_thirds_wires/augmented_image_5.jpg
4 No Wires One Third Wire 0.127283 one_thirds_wires/augmented_image_4.jpg
.. ... 128 Broken Wire Two Third Wires 0.360228 two_thirds_wire/augmented_image_12.jpg
129 Good Two Third Wires 1.429995 two_thirds_wire/augmented_image_16.jpg
130 One Third Wire Two Third Wires 1.192594 two_thirds_wire/augmented_image_17.jpg
131 Good Two Third Wires 0.864801 two_thirds_wire/augmented_image_15.jpg
132 Good Two Third Wires 0.201477 two_thirds_wire/augmented_image_14.jpg

[133 rows x 4 columns] ““