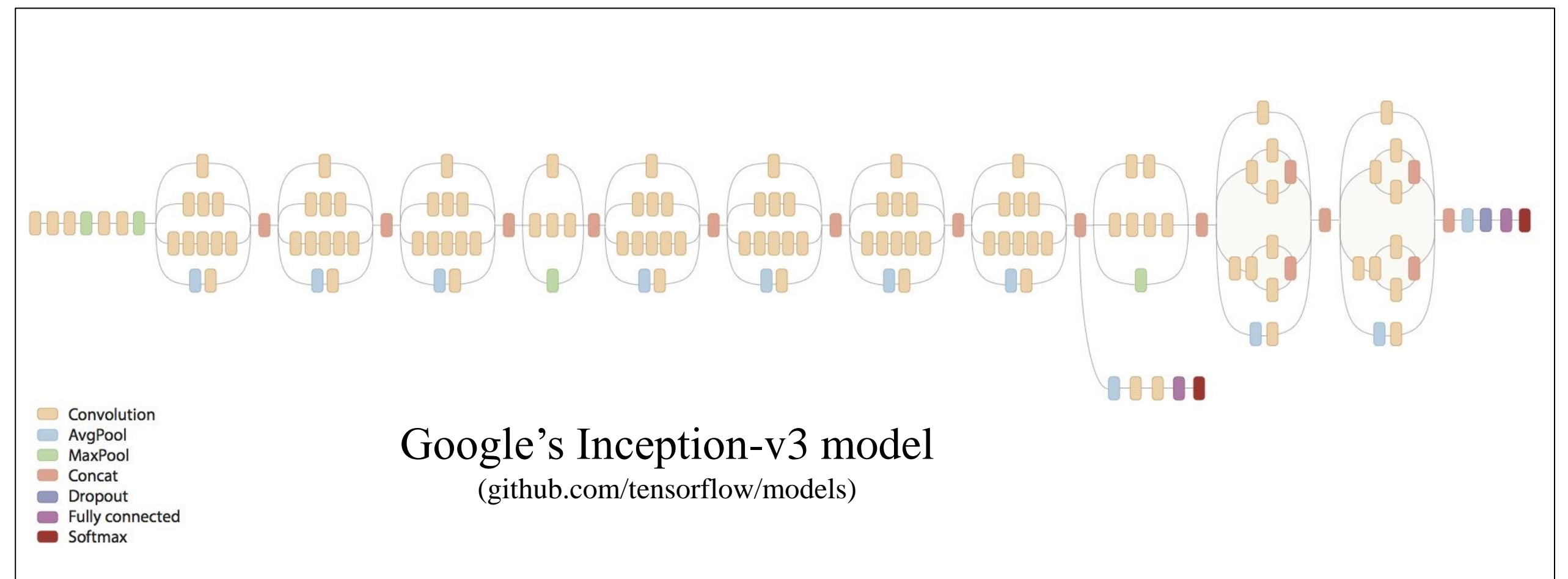
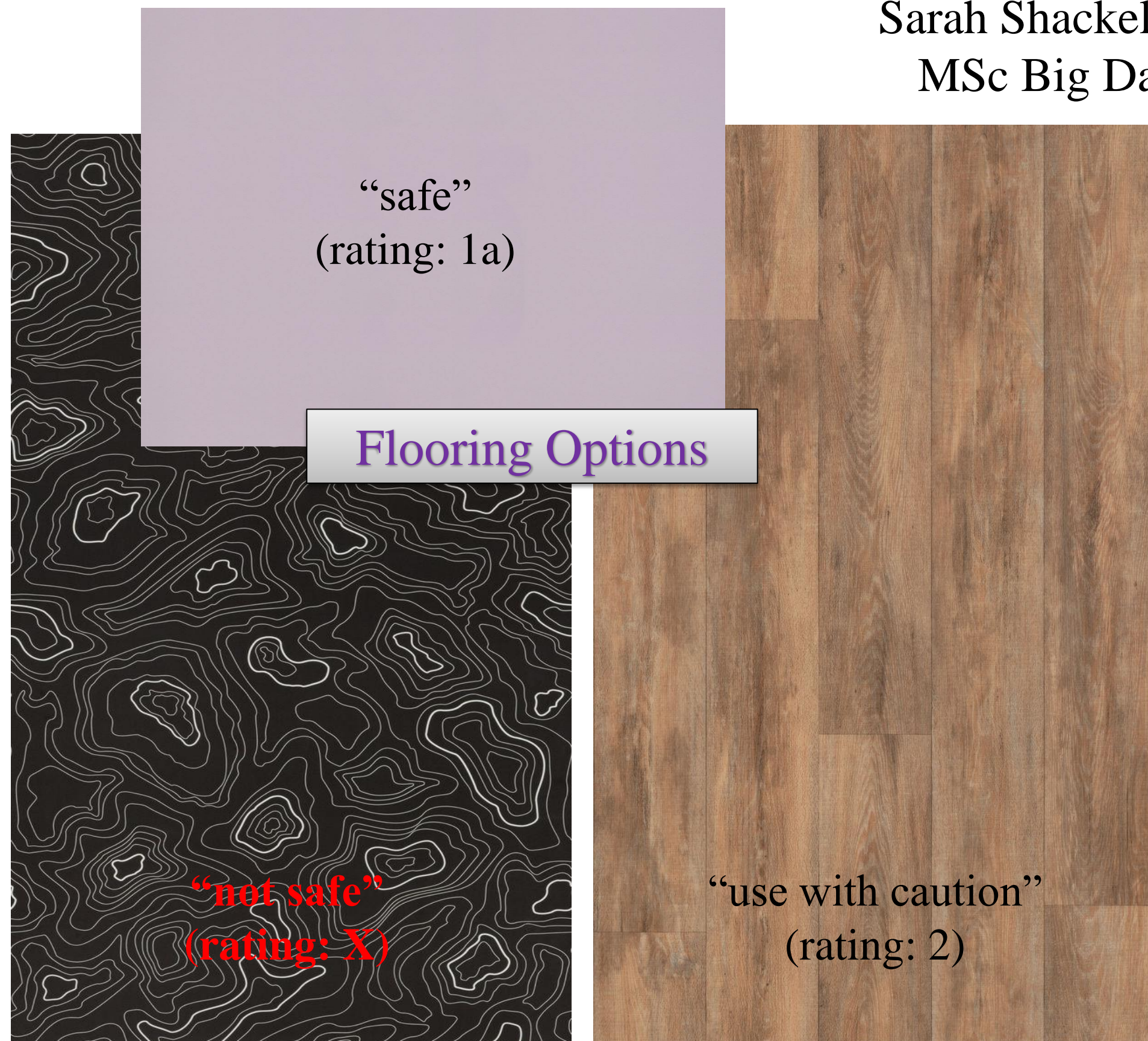
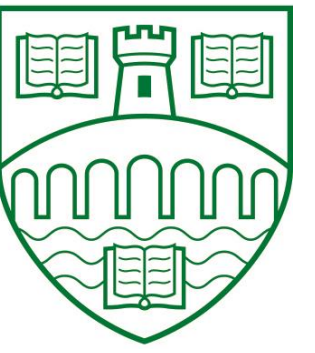


How Computer Vision can help Dementia patients stay safer

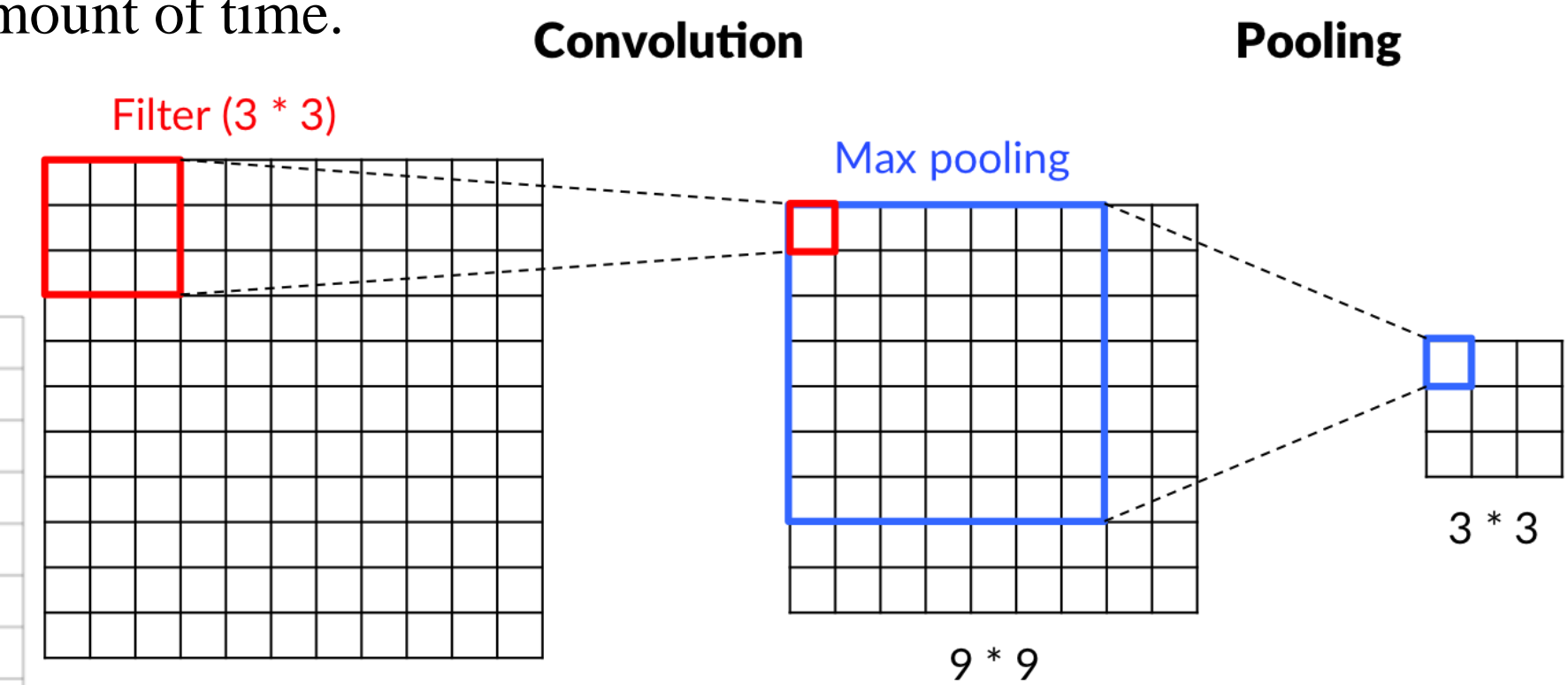
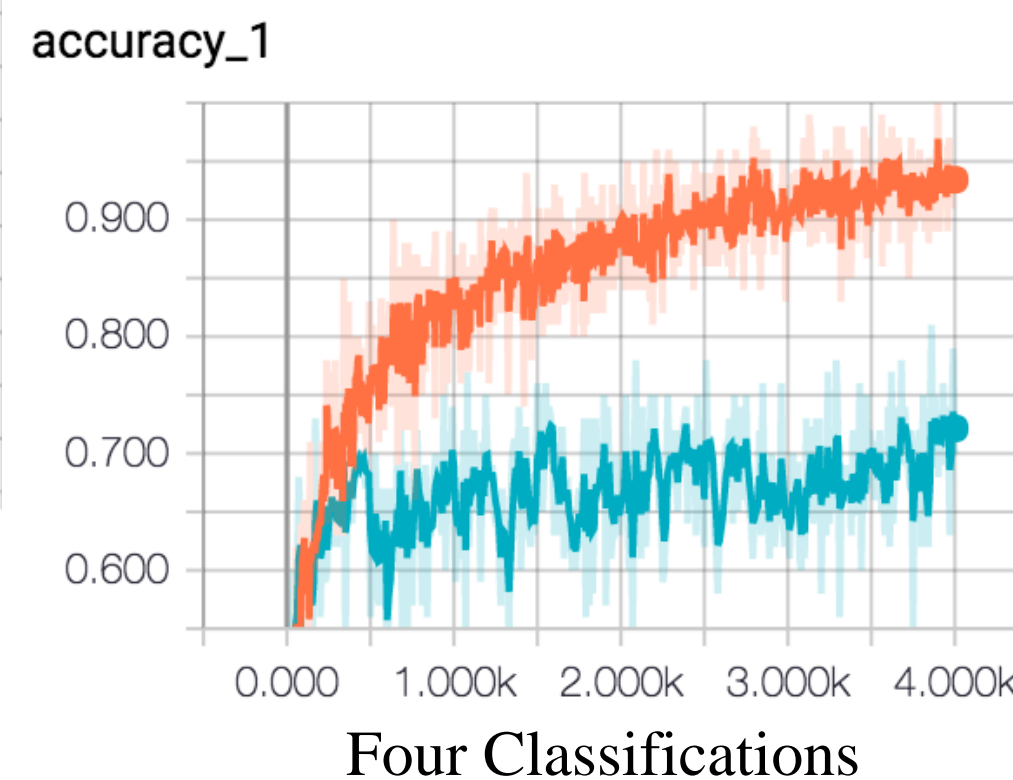
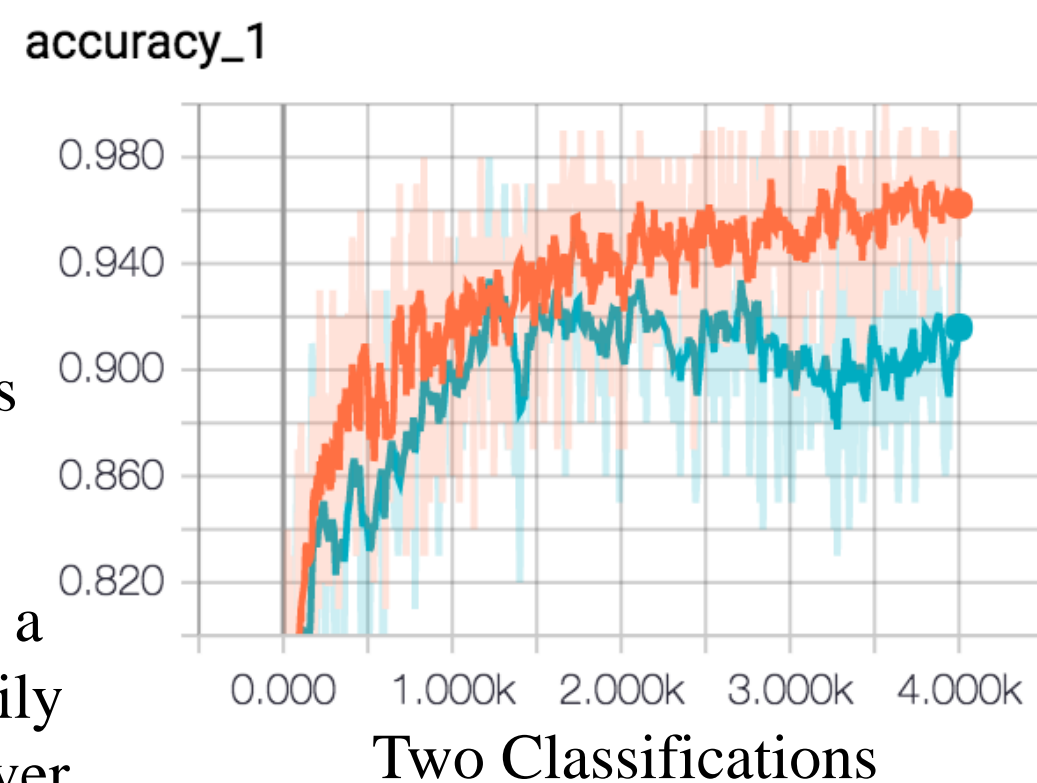
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Using TensorFlow and a pre-trained Inception-v3 model, one is able to obtain considerably high accuracy in a short amount of time.

- Dementia is a set of symptoms that are often caused by diseases such as Alzheimer's or a stroke (www.alzheimers.org.uk)
- One of the many symptoms can be a decrease in visuospatial skills
- Neural Networks built into a mobile app could help family members or builders discover "safe" and "not safe" decorative features in a home.



Convolution and Pooling Layers used in CNNs
(saitoxu.io/2017/01/01/convolution-and-pooling.html)