CST 463 - Advanced Machine Learning

Dr. Glenn Bruns

# Lab: Visualizing CNNs, part 1

Please work with your team.

1. Section 9.4.1 of our Chollet text shows how to visualize intermediate activations. Apply the ideas in that section to a CNN CIFAR model. Copy [this notebook](https://drive.google.com/file/d/1PywTOBSQy5XNhOg7RtCoWLAHq5I6N_NA/view?usp=sharing) as your starting point.

[Chollet's book](https://learning.oreilly.com/library/view/deep-learning-with/9781617296864/Text/09.xhtml#heading_id_12) is available in the O'Reilly Learning Center.

You probably want to steal code from [Chollet's notebook for the part of chapter 9 on visualizing CNNs](https://github.com/fchollet/deep-learning-with-python-notebooks/blob/master/chapter09_part03_interpreting-what-convnets-learn.ipynb).