



## Intro to Visualization and Interpretation

### Saliency

### Gradients and Class Activation Maps



**Video:** GradCAM

5 min



**Reading:** Reference:  
GradCam

10 min



**Lab:** GradCAM (Lab #4)

1h

### Improving a model with Interpretation

### Week 4 Quiz: Visualization and Interpretation

### Assignment: Cats vs Dogs Saliency Maps

### Course Resources

### Acknowledgments



# Reference: GradCam

- [Grad-CAM: Visual Explanations from Deep Networks via Gradient-based Localization](#) (Selvaraju, Cogswell, Das, Vedantam, Parikh & Batra, 2019)

## A conceptual overview of GradCam

For an optional, conceptual look at GradCAM, please see these videos from DeepLearning.AI's ["AI for Medical Treatment"](#) course.

[Interpreting CNN models](#)

[Localization maps](#)

[Heat maps](#)

✓ Complete

Go to next item

