



**A conversation with
Andrew Ng**

Tensor Basics

**Working with Tensors in
Eager Mode**

Gradient Tape



Video: Gradient Tape

4 min



Reading: Reference: CNN
for visual recognition

10 min



Video: Gradient Descent
using Gradient Tape

4 min



Video: Calculate gradients
on higher order functions

4 min



Video: Persistent=true and
higher order gradients

2 min



Video: Gradient Tape basics
code walkthrough

3 min



Lab: Gradient Tape Basics

1h

Quiz

**Assignment: Basic Tensor
Operations**



Reference: CNN for visual recognition

- CS231n Convolutional Neural Networks for Visual Recognition:
Learning and Evaluation section (Stanford University)

✓ Complete

Go to next item

