



What are GANs?



Video: Introduction
3 min



Reading: Reference: GANs
Specialization
10 min



Video: First GAN
Architecture
3 min



Reading: Reference: Self-
Normalizing Neural
Networks
10 min



Video: First GAN Training
Loop
4 min



Lab: First GAN
1h

Deep GANs



Video: DCGANs
3 min



Reading: Reference: -
Unsupervised
Representation Learning
with Deep Convolutional
Generative Adversarial
Networks ,
tf.keras.layers.LeakyReLU
10 min



Lab: First DCGAN
1h



Video: Face Generator
6 min



Video: Face Generator
Discriminator
2 min



Reading: Reference: Layer
Normalization
10 min



Lab: CelebA GAN
Experiments
1h



Video: Conclusions



Reference: Self- Normalizing Neural Networks

- Self-Normalizing Neural Networks (Klambauer, Unterthiner,
Mayr & Hochreiter, 2017)

✓ Complete

Go to next item

