

StyleGAN and **Advancements**

- Video: Welcome to Week 3 53 sec
- **Video:** GAN Improvements 7 min
- **Video:** StyleGAN Overview 8 min
- Video: Progressive Growing 5 min
- Video: Noise Mapping Network 6 min
- **(▶) Video:** Adaptive Instance Normalization (AdaIN) 8 min
- Video: Style and Stochastic Variation 8 min
- Video: Putting It All Together 2 min
- **Programming Assignment:** Components of StyleGAN
- Lab: (Optional) Components of StyleGAN2 1h
- Lab: (Optional) Components of BigGAN 1h
- Reading: (Optional) The StyleGAN Paper 1h 20m
- Reading: (Optional) StyleGAN Walkthrough and Beyond 30 min

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