

- **Writing a training loop from scratch**
- **Setup**
- **Introduction**
- **Using the GradientTape: a first end-to-end example**
- **Low-level handling of metrics**
- **Speeding-up your training step with tf.function**
- **Low-level handling of losses tracked by the model**
- **End-to-end example: a GAN(Generative Adversarial Networks) training loop from scratch**
- **create a generator network, that turns latent vectors into outputs of shape (28, 28, 1) (representing MNIST digits):**