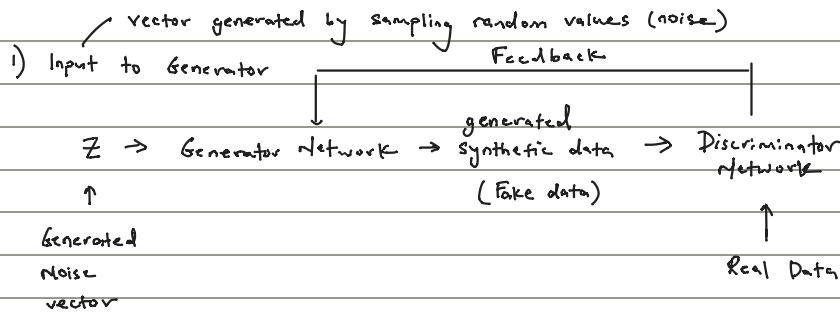


GAN Architecture

1. Generator network: Generate output convincing enough to fool discriminator
 - ↳ Improves on feedback provided by Generator
2. Discriminator network: Try its best to identify synthetic data
 - ↳ Provides feedback to Generator

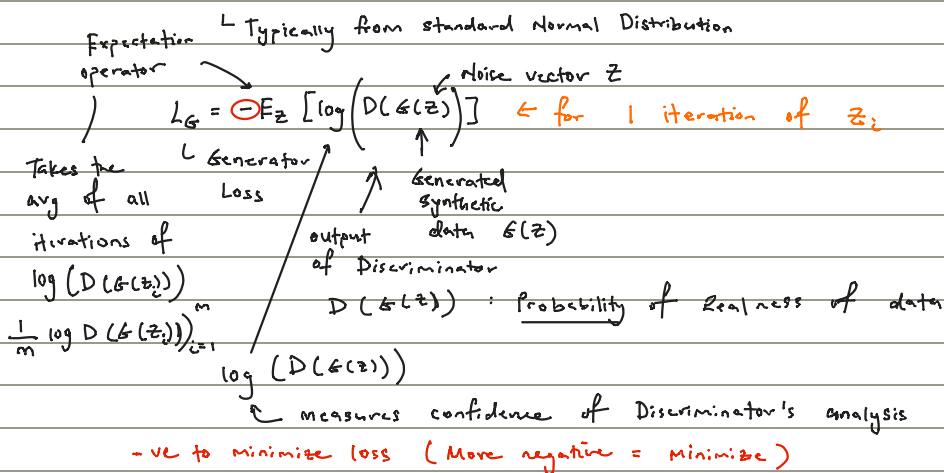
GAN Flow Noise (Z)



- 2) Repeated iterations to produce synthetic data == Real data

How Generator works (Cross Entropy of fake data)

1) Noise vector Z



How Discriminator works (Cross entropy of Real & Fake data)

