## $1 \quad \text{Schematische Darstellung eines Variational Autoencoders (VAE)} \\$

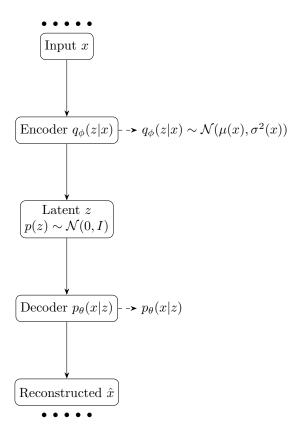


Figure 1: Schematische Darstellung eines Variational Autoencoders (VAE) mit Datenpunkten

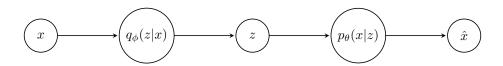


Figure 2: Schematische Darstellung eines Variational Autoencoders (VAE)

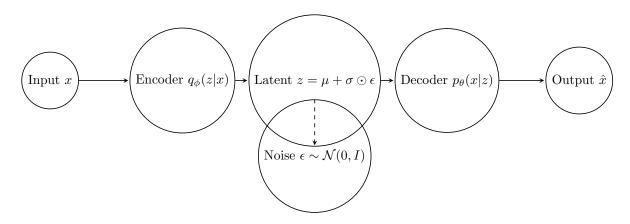
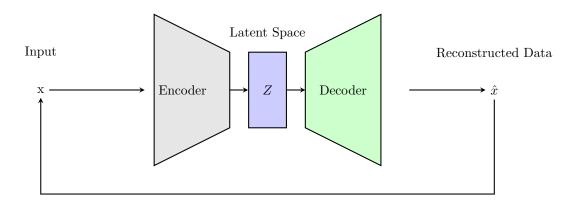


Figure 3: Schematische Darstellung des Reparameterization-Tricks in einem Variational Autoencoder (VAE)



Reconstruction Loss

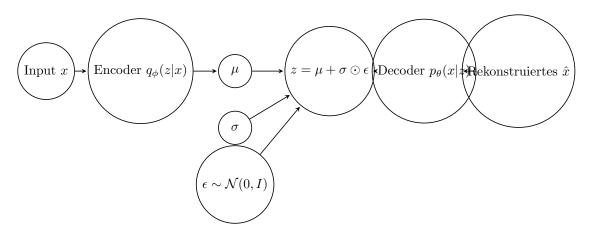
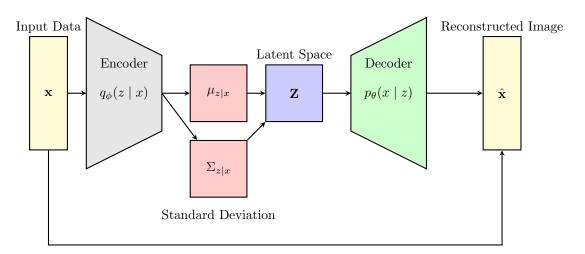


Figure 4: Schematische Darstellung des Reparameterization-Tricks in einem Variational Autoencoder (VAE)



Reconstruction Loss + KL Divergence

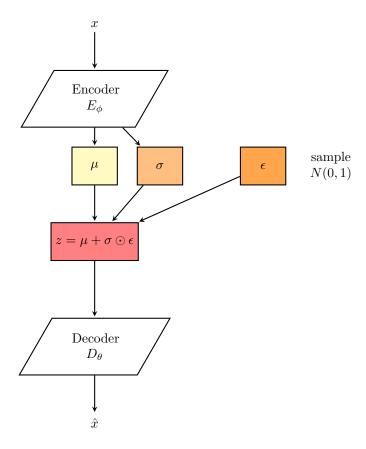


Figure 5: Schematische Darstellung des Reparameterization-Tricks in einem Variational Autoencoder (VAE)