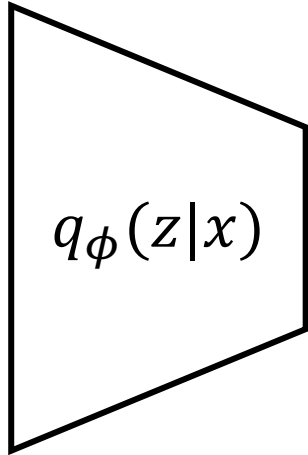


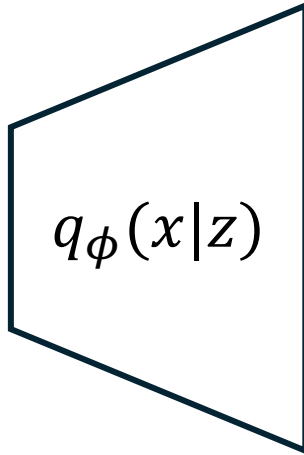
$$x \sim p_{\text{data}}$$



$$q_{\phi}(z|x)$$

“Probabilistic
Encoder”

$$z \sim q_{\phi}(z|x)$$
$$z = \mu_{\phi}(x) + \sigma_{\phi}(x)\epsilon$$
$$\epsilon \sim N(0, I)$$



$$q_{\phi}(x|z)$$

“Probabilistic
Decoder”

$$x \sim q_{\phi}(x|z)$$