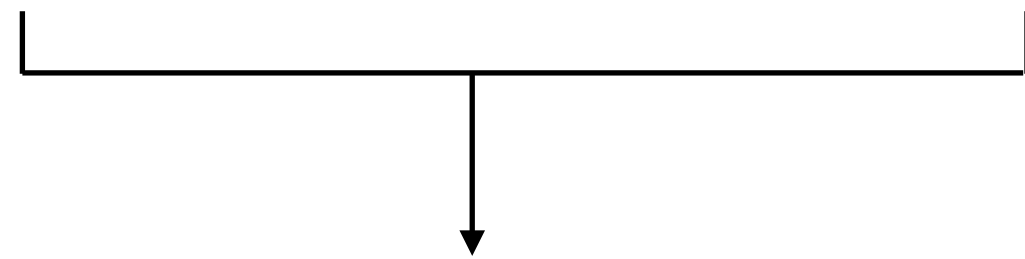


# Training Normalizing Flows

Density evaluation and training is based on change of variable formula

$$p_{\mathbf{x}}(\mathbf{x} = \text{img})$$



Impossible to  
calculate!

# Training Normalizing Flows

Density evaluation and training is based on change of variable formula

$$p_{\mathbf{x}}(\mathbf{x} = \text{img1}) = p_z(T_{\theta}(\mathbf{x}) = \text{img2})$$

Impossible to  
calculate!

Easy to calculate!  
=> log likelihood  
related to  $\|f_{\theta}(x)\|_2$