Why do we care about generative models?

- "What I can not create I do not understand"
- -Richard Feynman
- "...generative capabilities are the key to intelligence..."
 -Max Welling



Ex: in classification the generative conditional $p(x \mid y)$ is more powerful

$$p(y|x) = p(class|image)$$
 $p(x|y) = p(image|class)$

Normalizing Flows Implementation