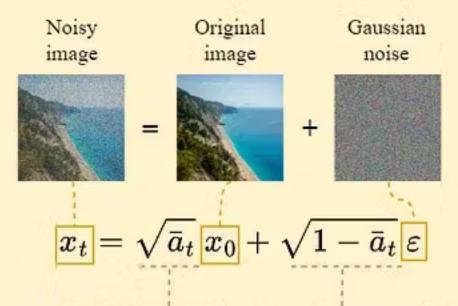
For each training step:

1. Randomly select a time step & encode it

$$t = 14$$
encode
Time step embedding
$$0.12 \ 0.31 \ 0.34 \ \cdots \ 0.02$$

2. Add noise to image



Adjust the amount of noise according to the time step t

$$arepsilon \sim \mathcal{N}(0,1)$$
 $lpha_t = 1 - eta_t$ $ar{lpha}_t = \prod_{i=1}^t lpha_i$

3. Train the UNet

