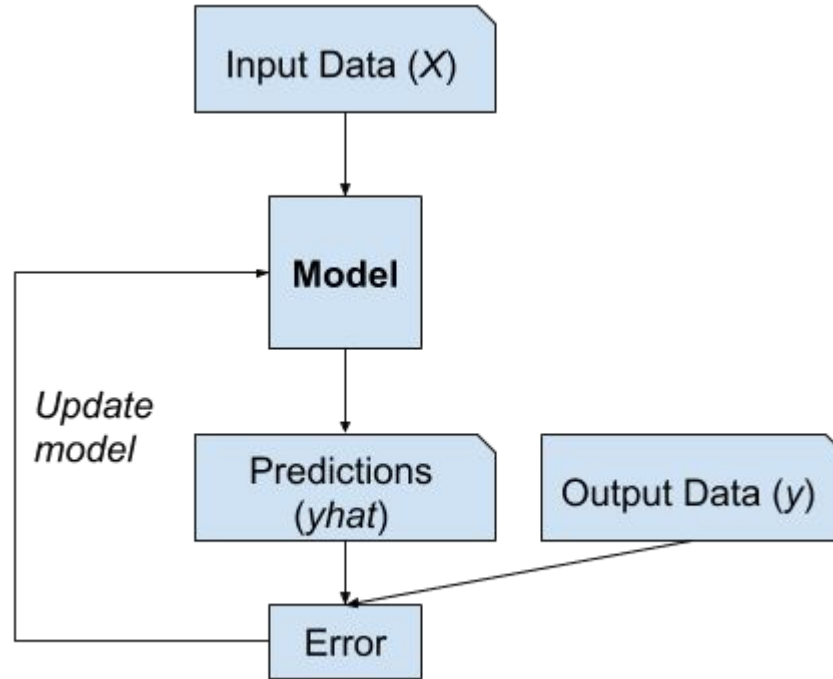
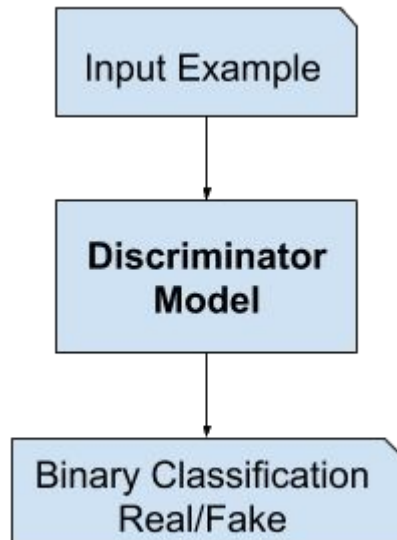
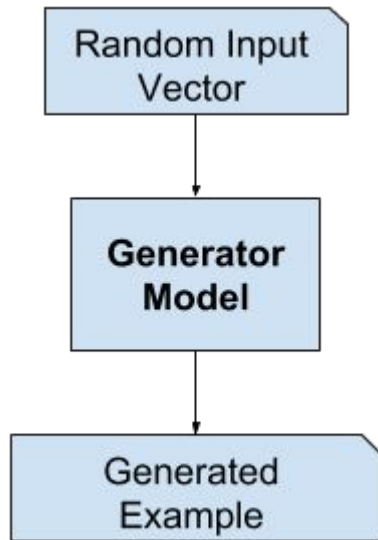
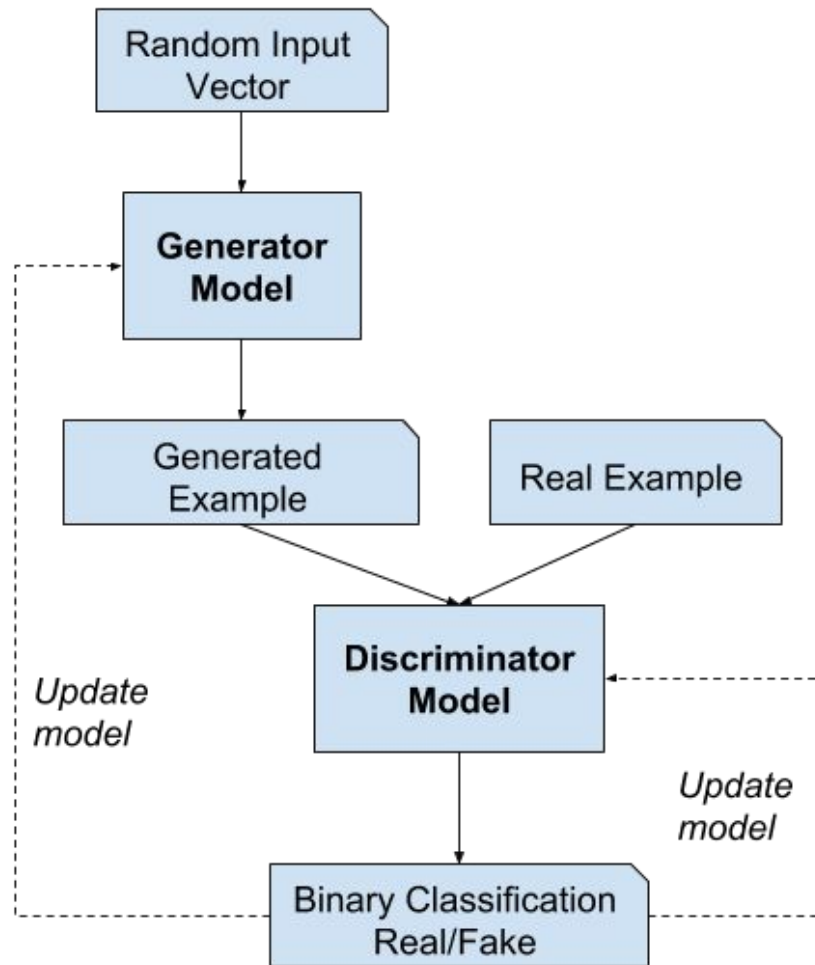
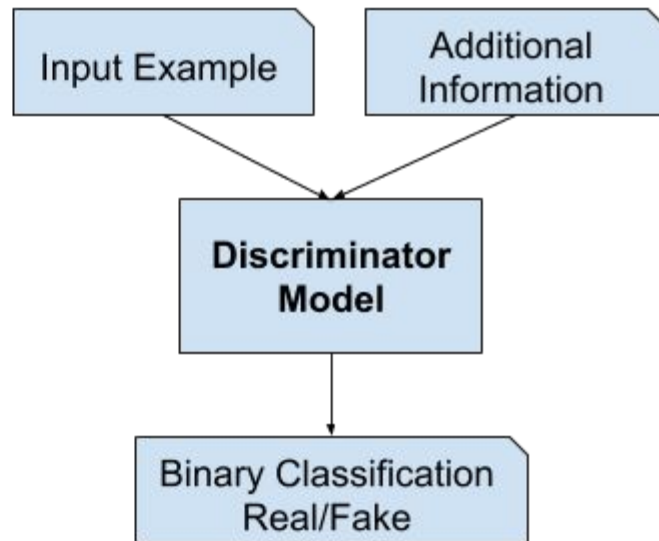
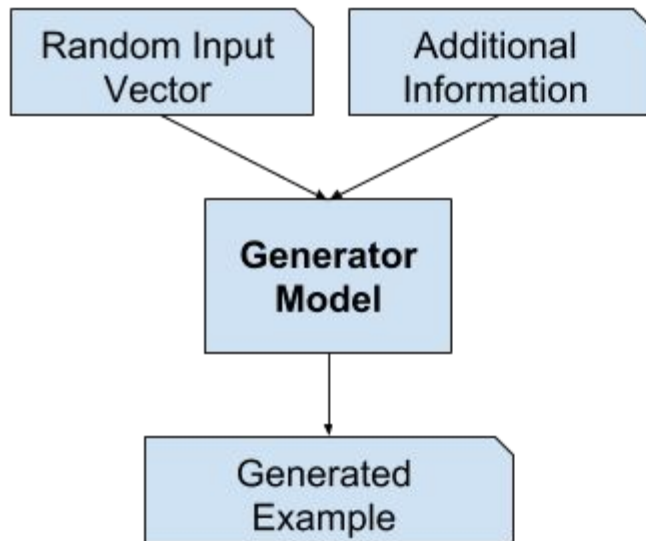


# **Generative Adversarial Networks**

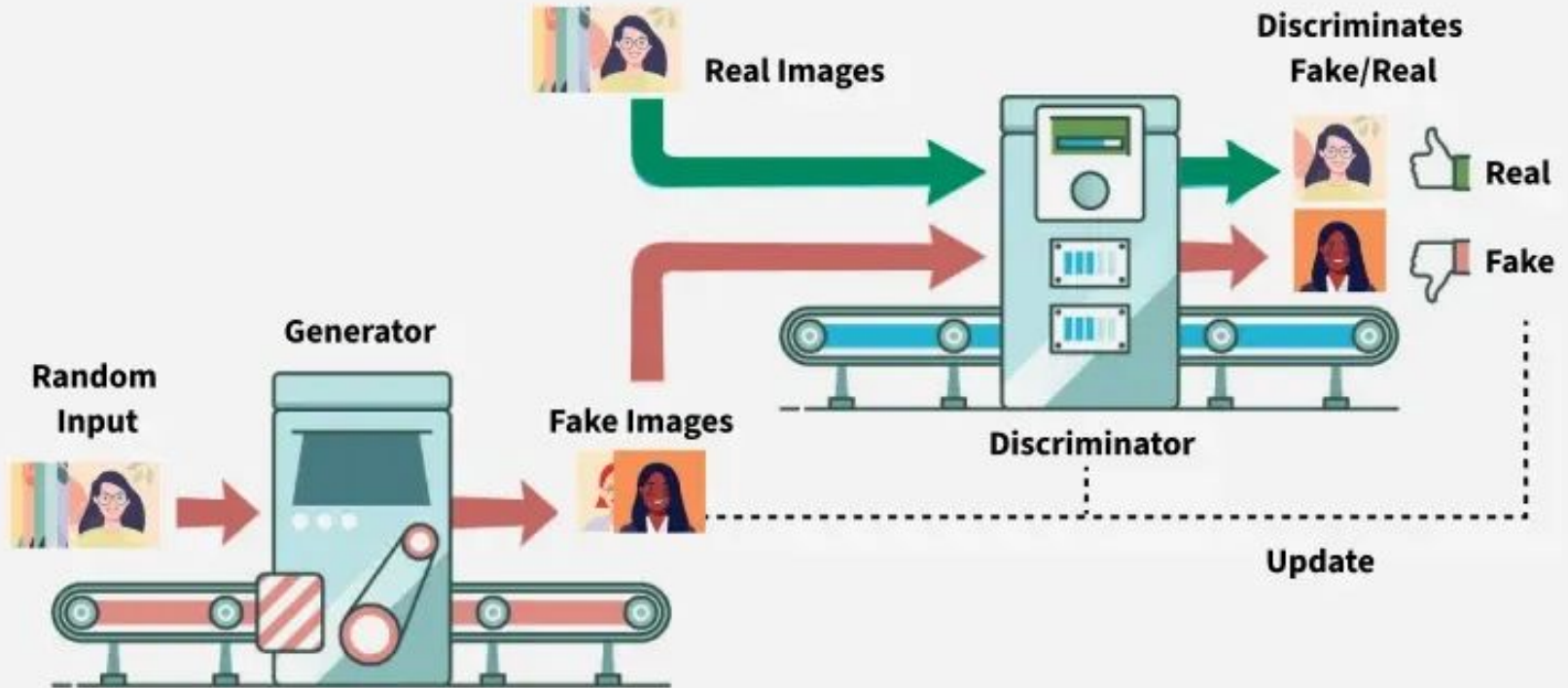








# Generative Adversarial Network (GANs)



Source layer

5	2	6	8	2	0	1	2
4	3	4	5	1	9	6	3
3	9	2	4	7	7	6	9
1	3	4	6	8	2	2	1
8	4	6	2	3	1	8	8
5	8	9	0	1	0	2	3
9	2	6	6	3	6	2	1
9	8	8	2	6	3	4	5

Convolutional  
kernel

-1	0	1
2	1	2
1	-2	0

Destination layer

	5						

$$\begin{aligned} & (-1 \times 5) + (0 \times 2) + (1 \times 6) + \\ & (2 \times 4) + (1 \times 3) + (2 \times 4) + \\ & (1 \times 3) + (-2 \times 9) + (0 \times 2) = 5 \end{aligned}$$

