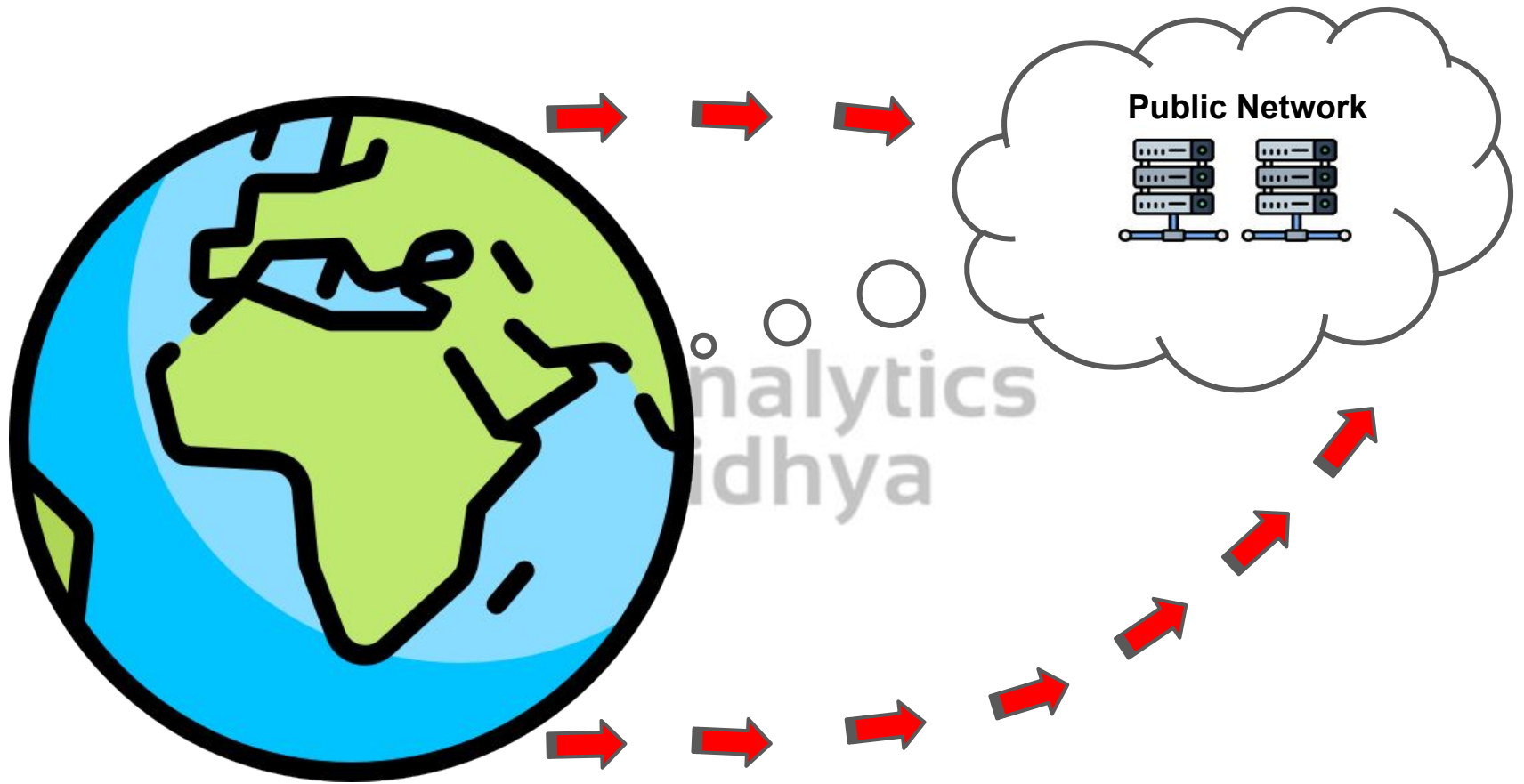
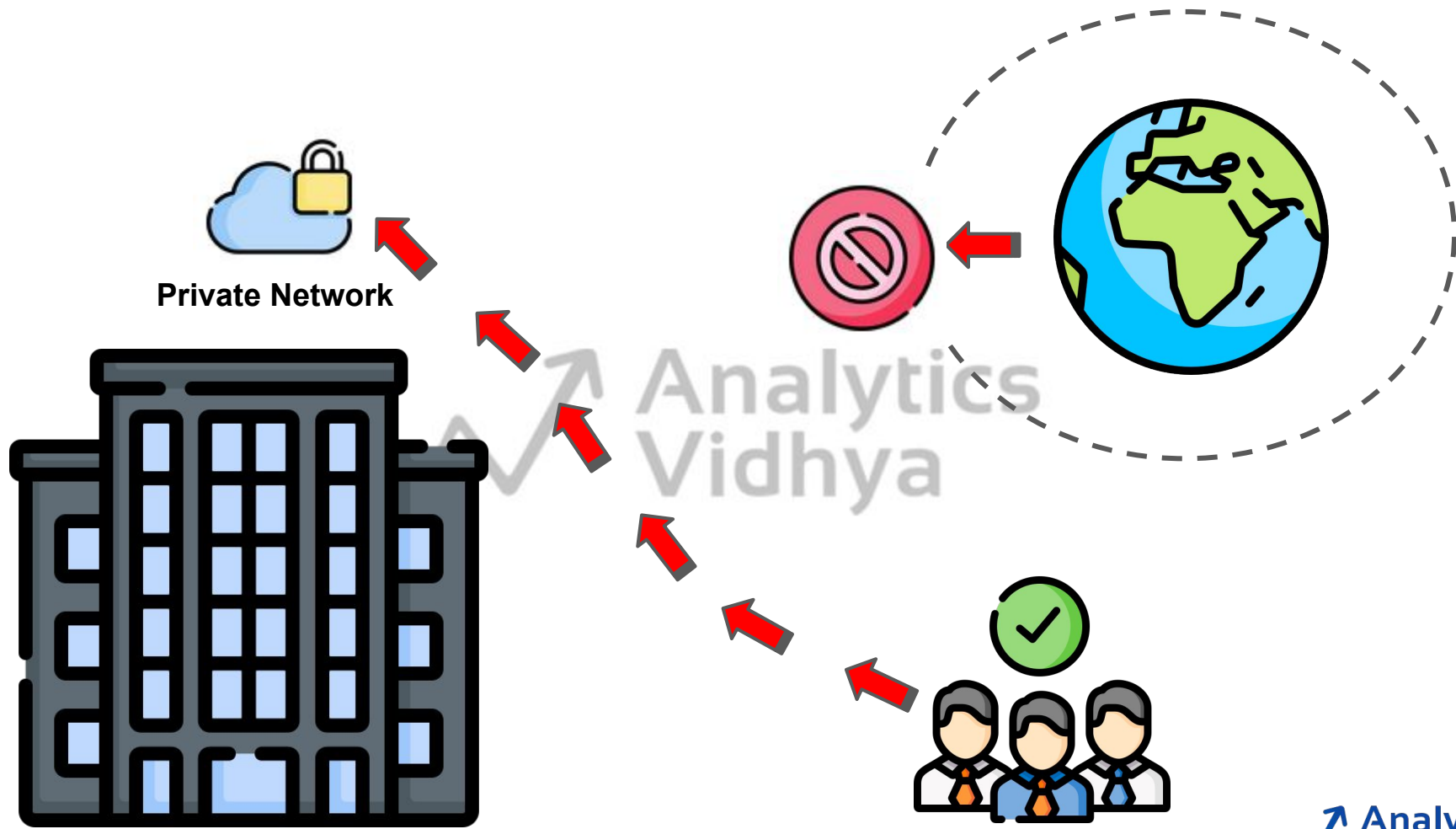


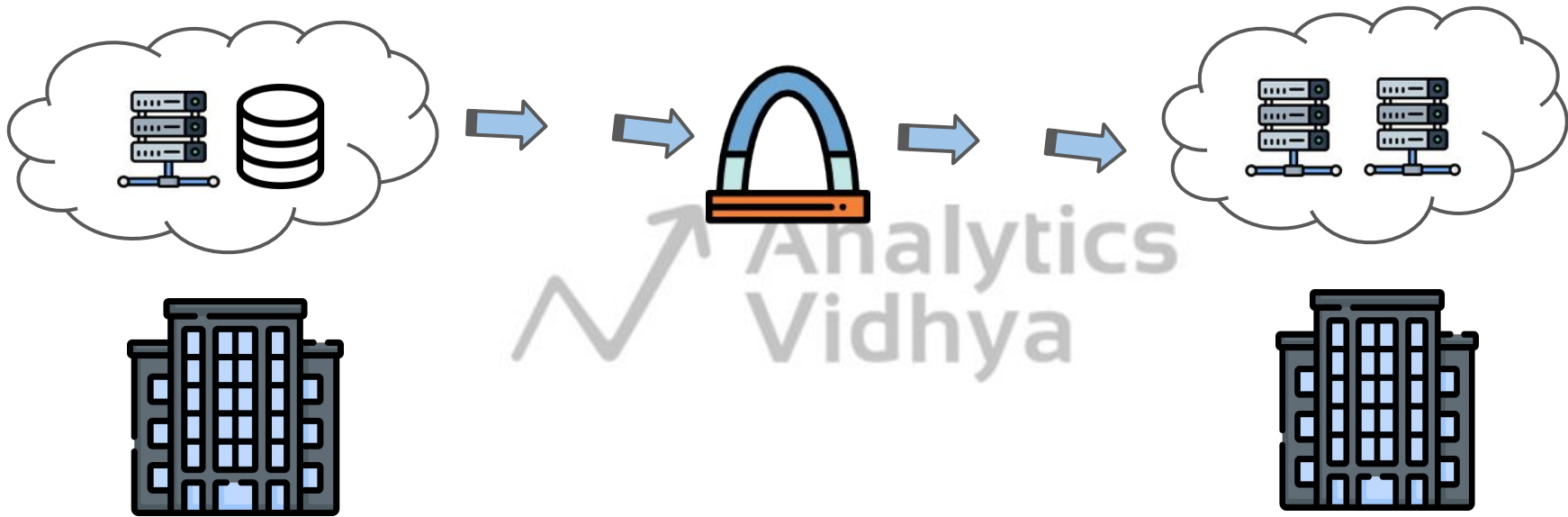
Basic Concepts of Networking

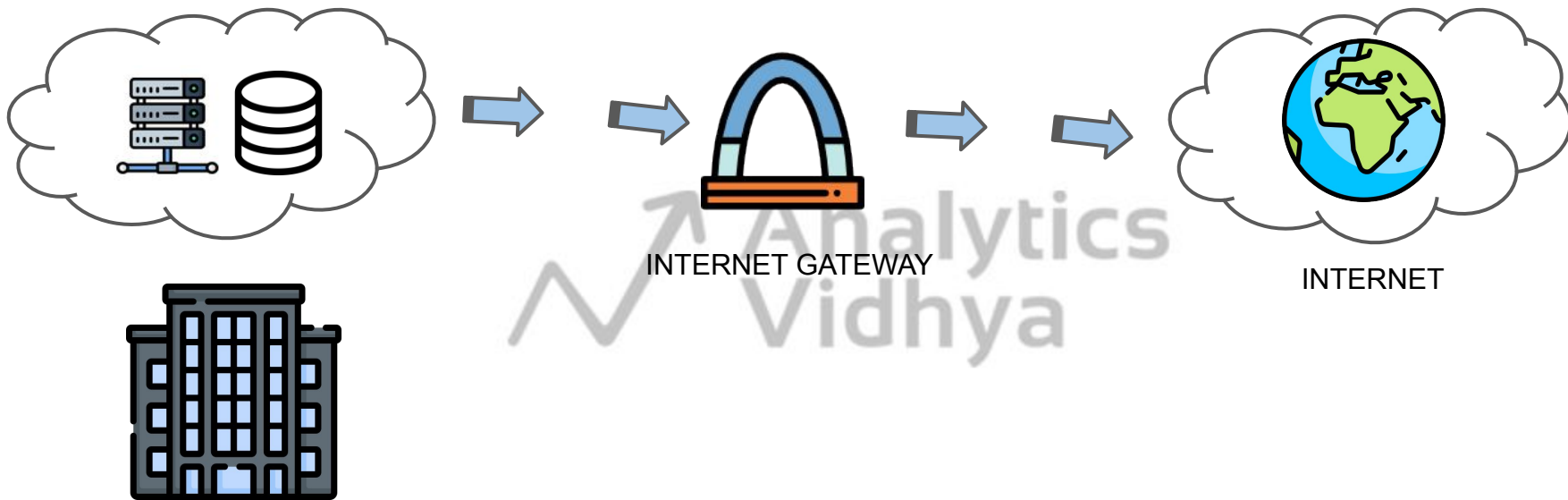
Public & Private Network





Internet Gateway







Internet gateway helps us connect our network to the internet.



IP Address is a unique address that identifies a device on the internet or on a local network

8 bits: 0 - 255

192.158.2.20

0.0.0.0



255.255.255.255

Network

Host

192.158.2.20

Network

Host

192

.

158

.

2

.

20

Class A

Network

Host

192

.

158

.

2

.

20

Class B

Network

Host

192

.

158

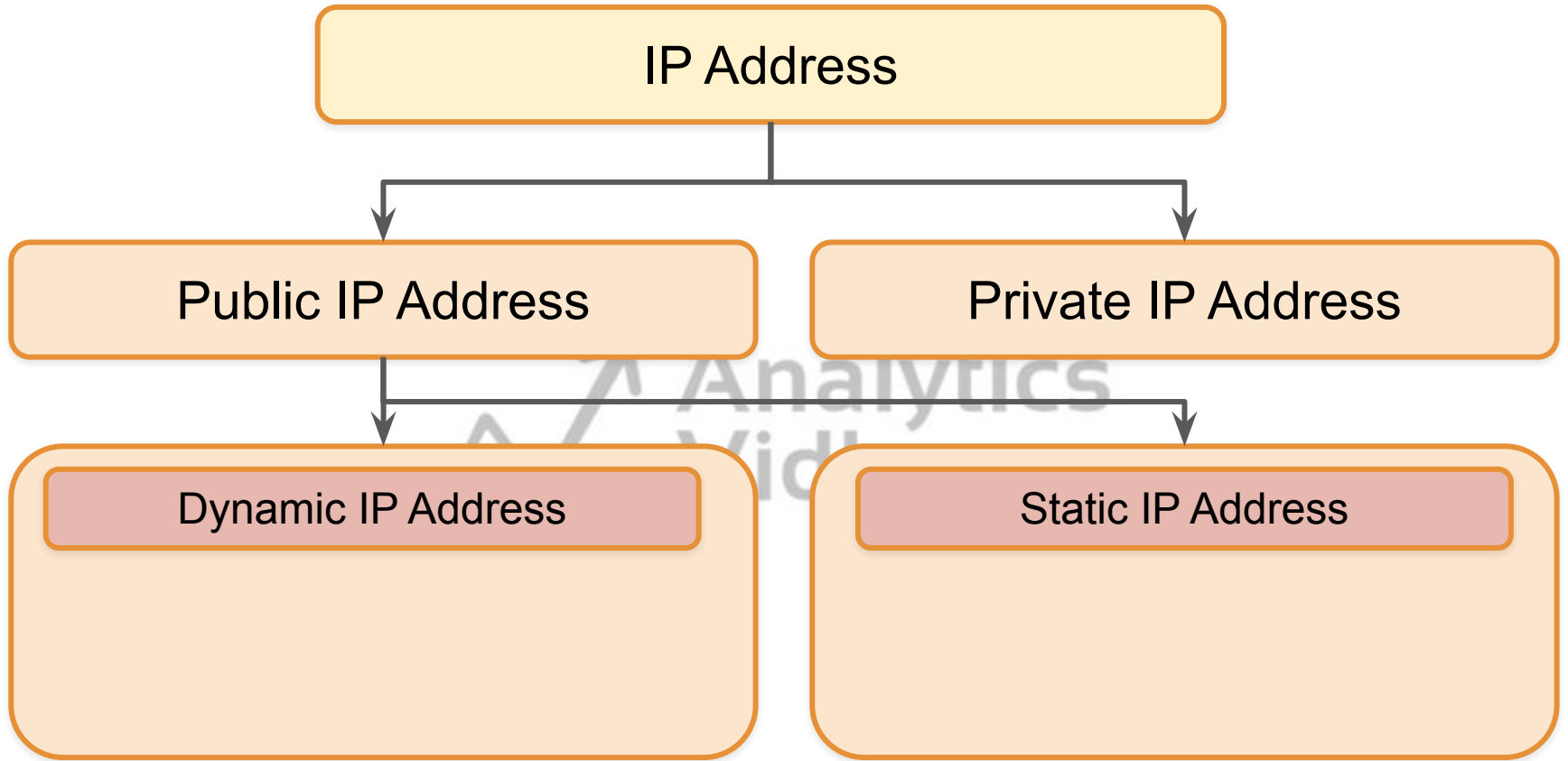
.

2

.

20

Class C

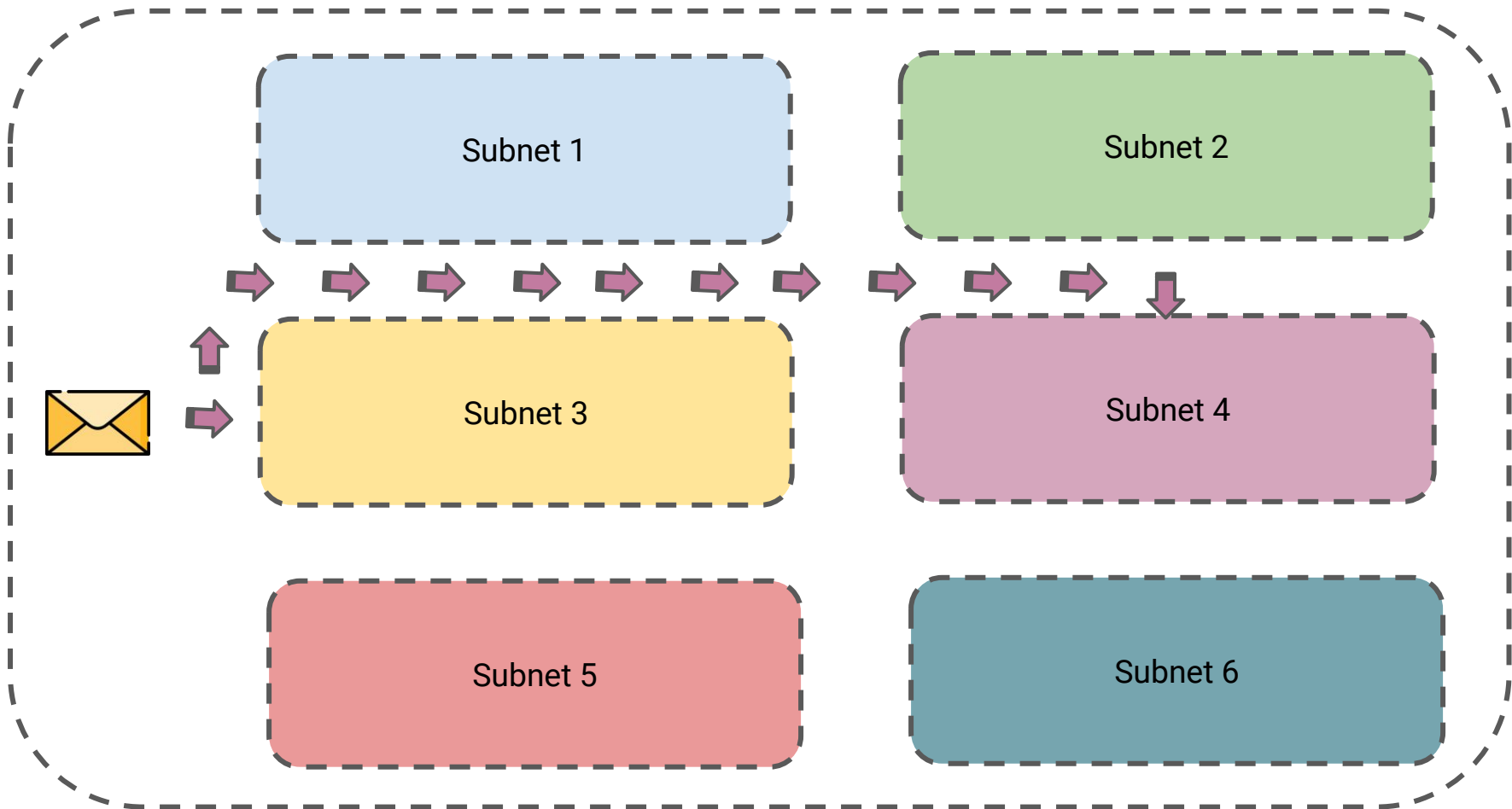


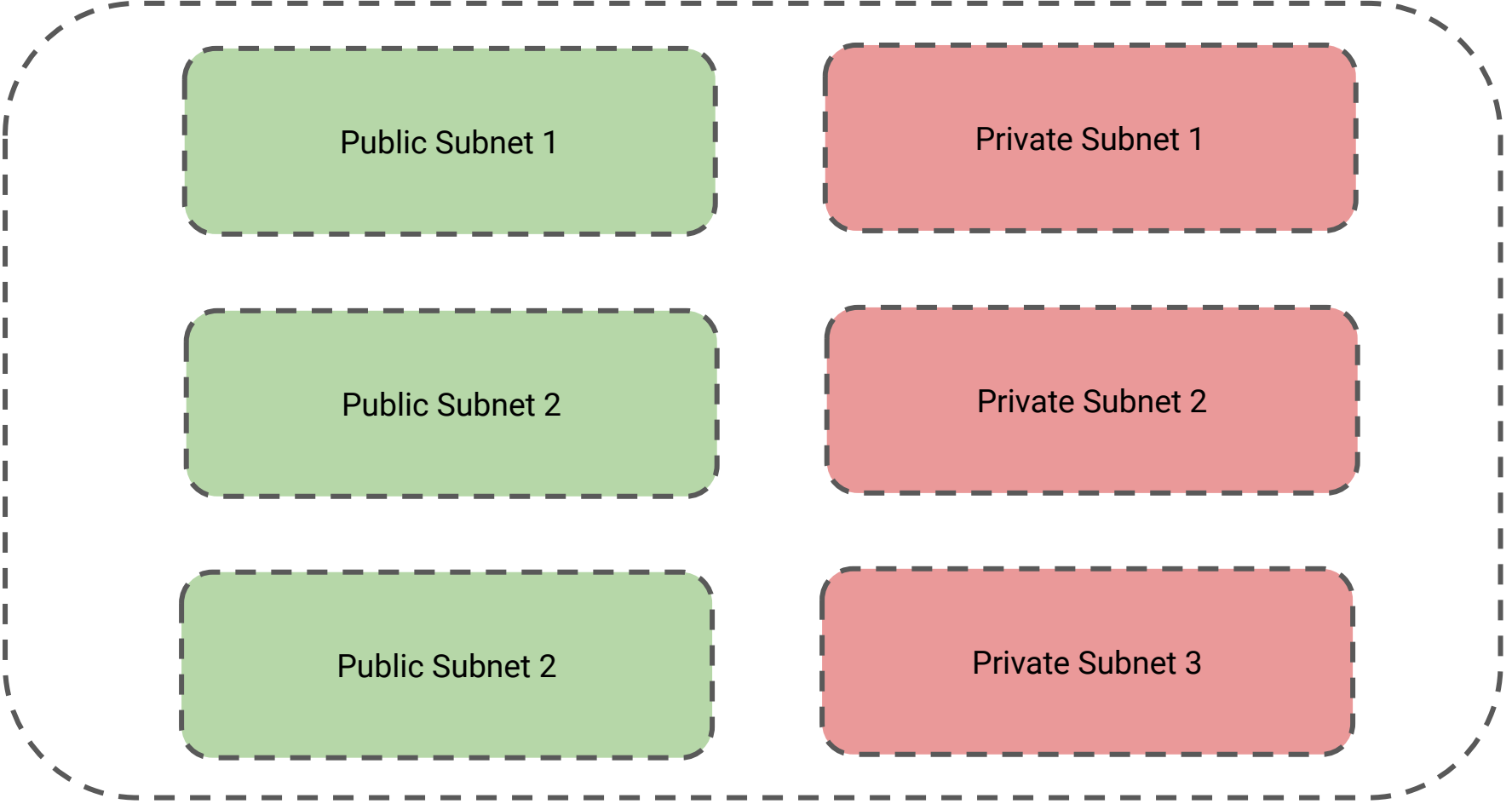


Network

Subnets







A diagram of a Virtual Private Cloud (VPC) containing six subnets. The subnets are organized into two columns: Public Subnets on the left and Private Subnets on the right. There are three rows. The left column contains 'Public Subnet 1', 'Public Subnet 2', and 'Public Subnet 2'. The right column contains 'Private Subnet 1', 'Private Subnet 2', and 'Private Subnet 3'. Each subnet is represented by a rounded rectangle with a dashed border. The public subnets are light green, and the private subnets are light red. The entire VPC is enclosed in a larger dashed rounded rectangle.

Public Subnet 1

Private Subnet 1

Public Subnet 2

Private Subnet 2

Public Subnet 2

Private Subnet 3



Thank You !!