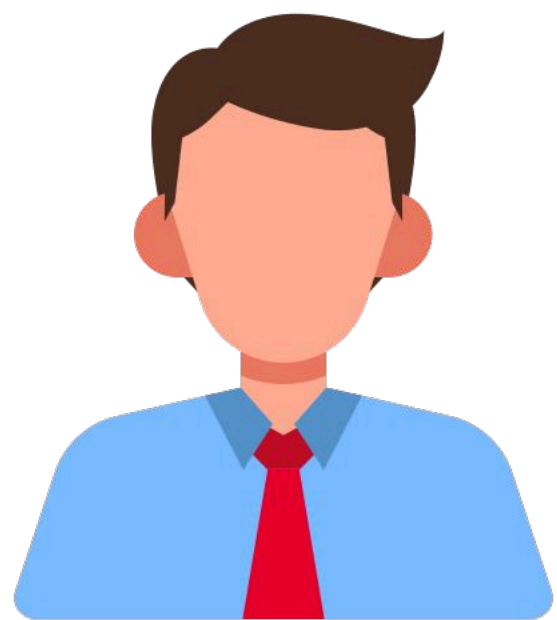


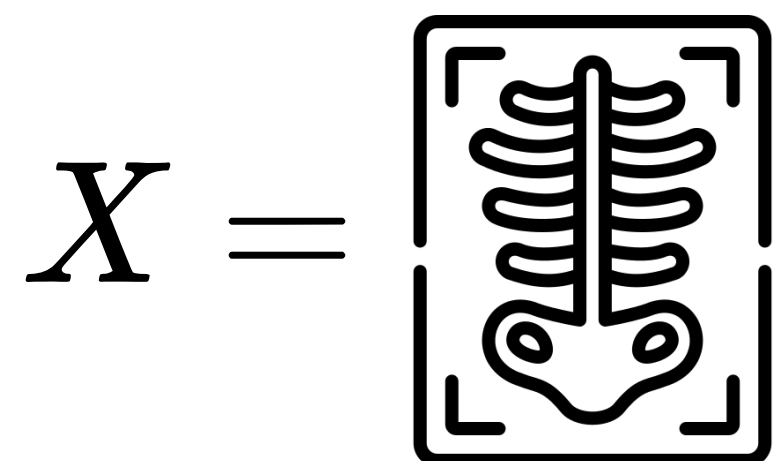
Customer



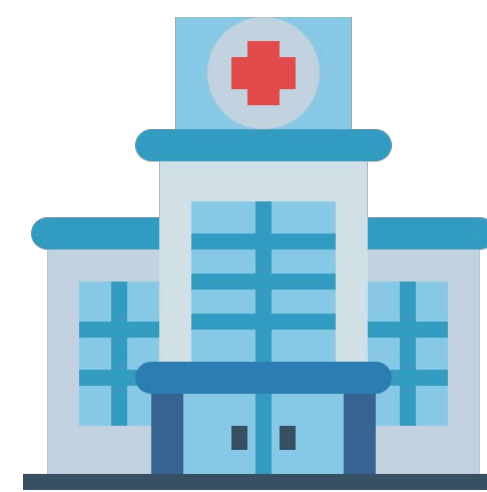
1. Send  $c \leftarrow \text{Enc}(X)$

3. Send  $z \leftarrow f(c)$

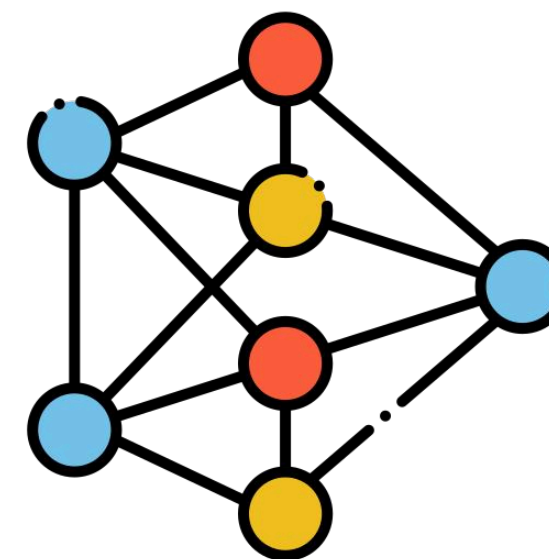
4. Compute  
 $y \leftarrow \text{Dec}(z)$



Model Provider



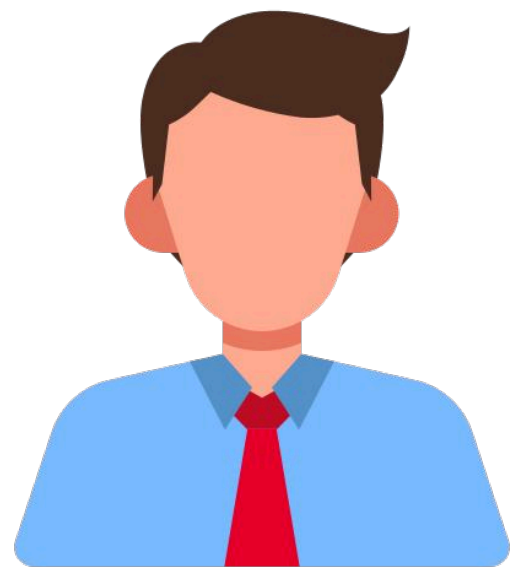
2. Compute  
 $z \leftarrow f(c)$



Neural Network  $f$

Case (a). FHE

Customer

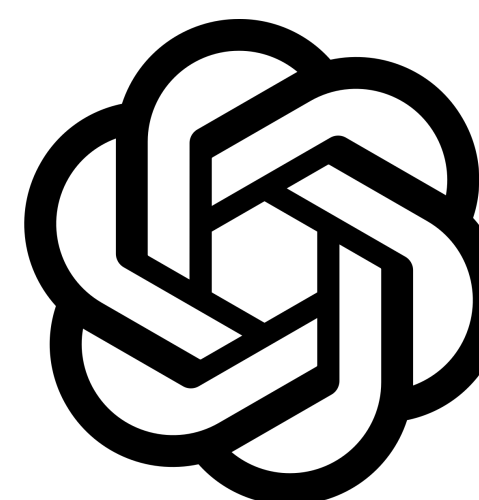


1. Send prompt  $X$

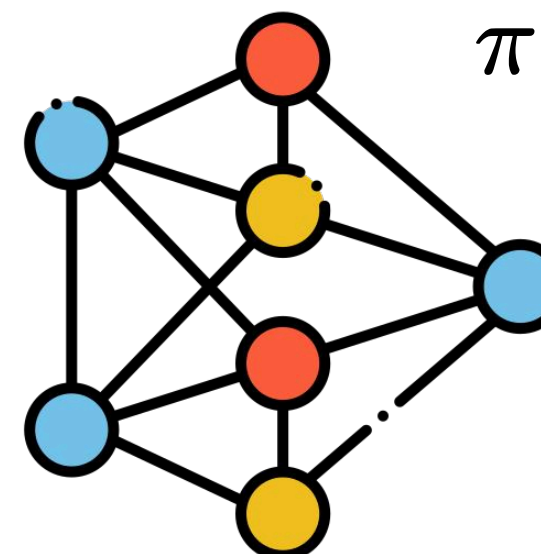
3. Send  $(y, \pi)$

4. Verify( $\pi, (X, y)$ )

Model Provider



2. Compute  
 $y \leftarrow f(X)$   
 $\pi \leftarrow \text{Prove}((X, y), \theta)$



Neural Network  $f$   
with parameters  $\theta$

Case (b). ZK