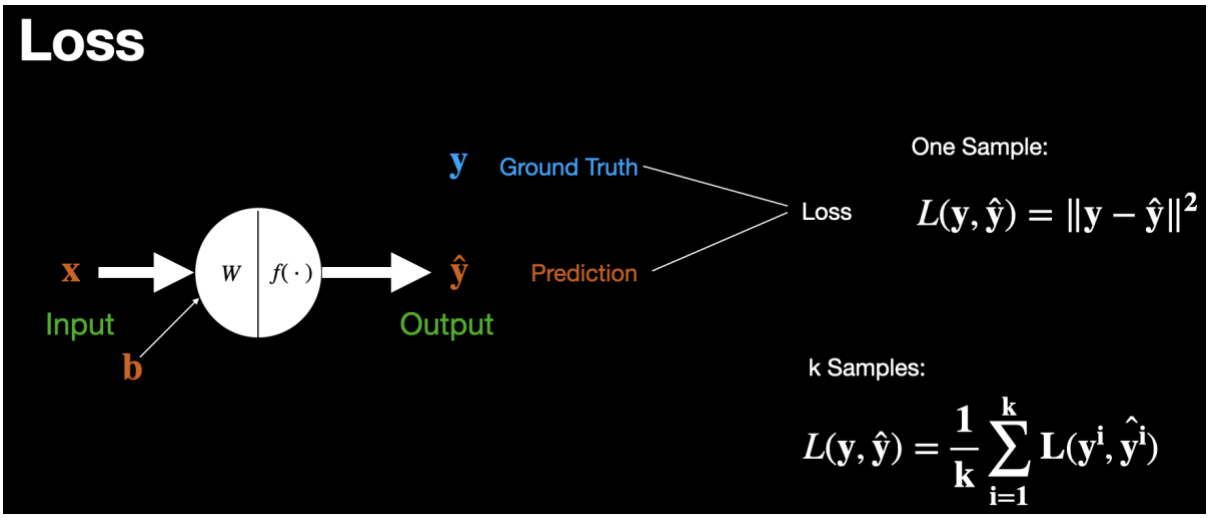
Lab 3 Forward propagation and loss

Input Data: $X=\begin{bmatrix} 1 & 6 & 8 & 0 \\ 33 & 2 & 3 & 5 \\ 1 & 6 & 6 & 7 \\ 2 & 9 & 8 & 4 \\ 5 & 6 & 9 & 6 \\ 32 & 13 & 0 & 2 \end{bmatrix}$ Ground Truth Label: $Y=\begin{bmatrix} 1 & 0 & 1 & 0 \\ 0 & 1 & 0 & 1 \end{bmatrix}$

W, b = initialised using 0.01
Activation function: Sigmoid Function or Rectified Linear Unit



Exercise:

Create a function to calculate the output (forward propagation) and the loss (assessment).