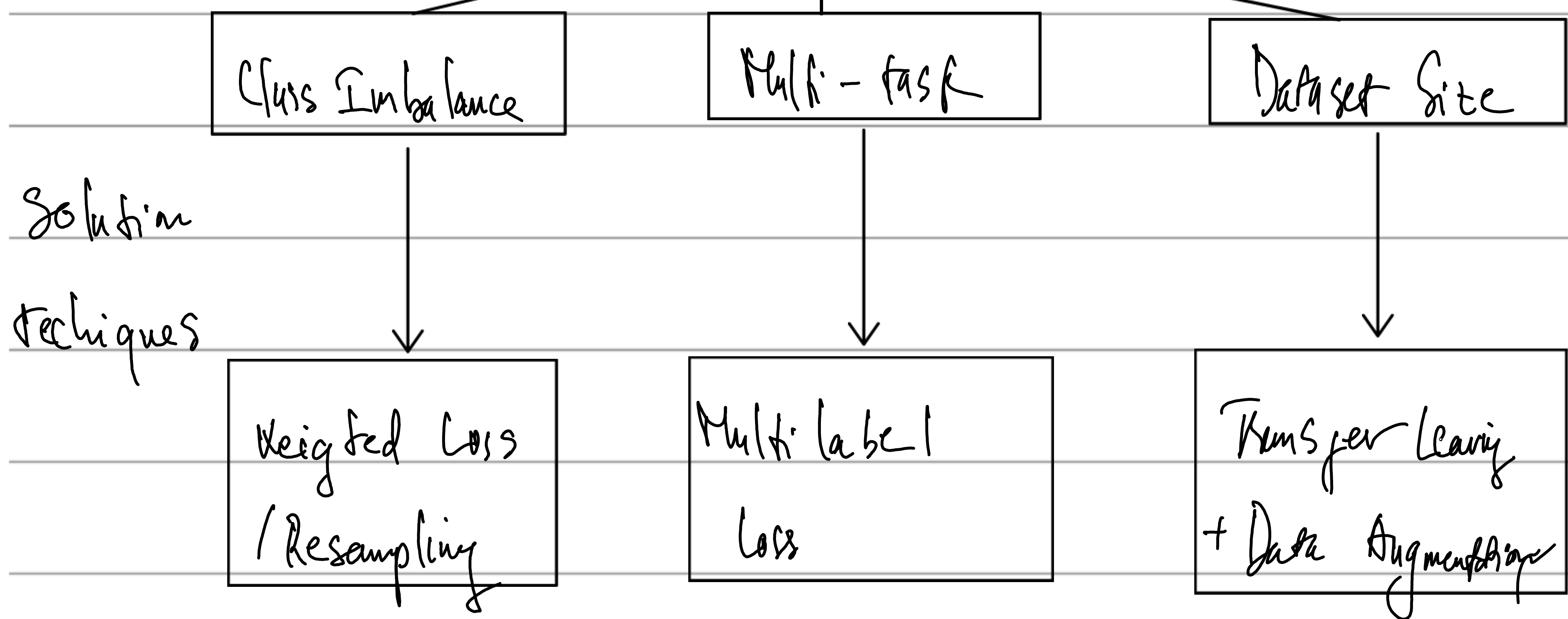
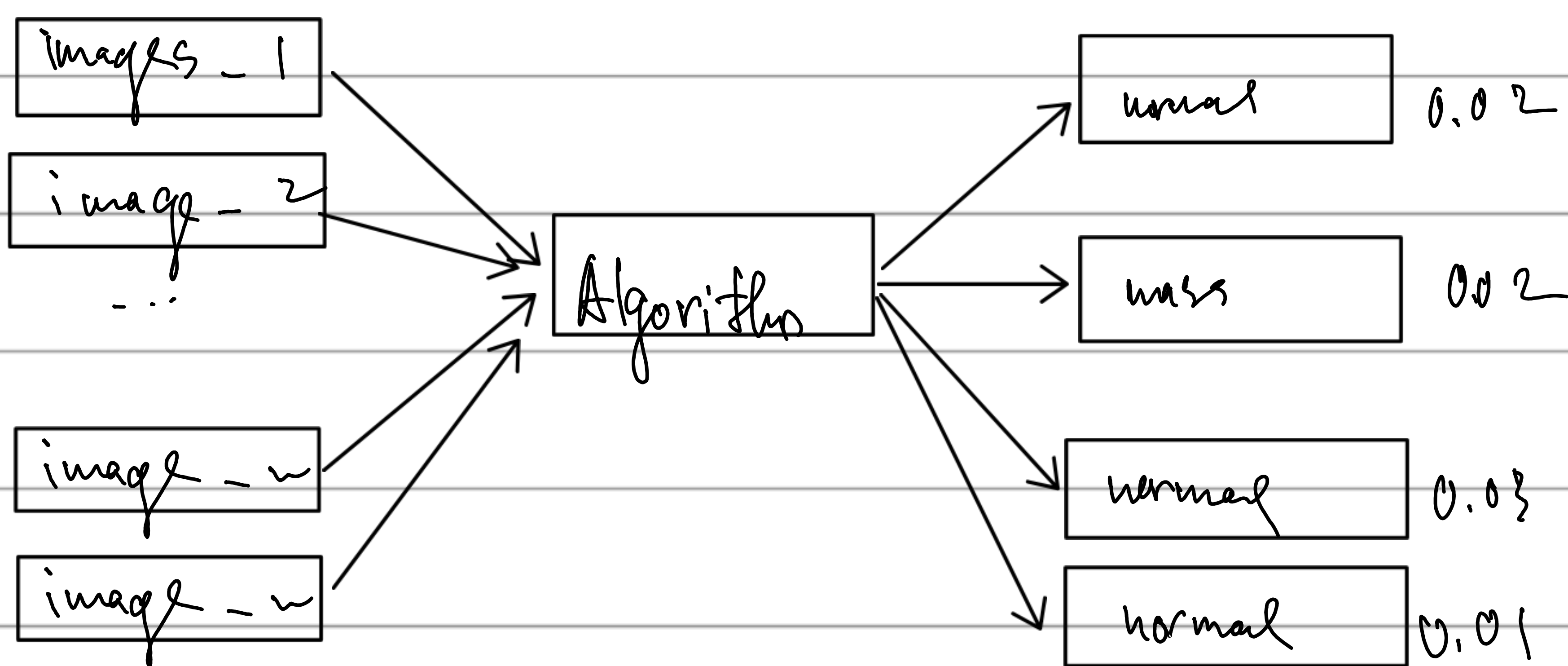


3 Key challenges (medical image?)



Class Imbalance: There are not an equal number of examples non-disease and disease



Binary cross-entropy loss: $L(X, y) = \begin{cases} -\log P(Y=1|X) & \text{if } y=1 \\ -\log P(Y=0|X) & \text{if } y=0 \end{cases}$

