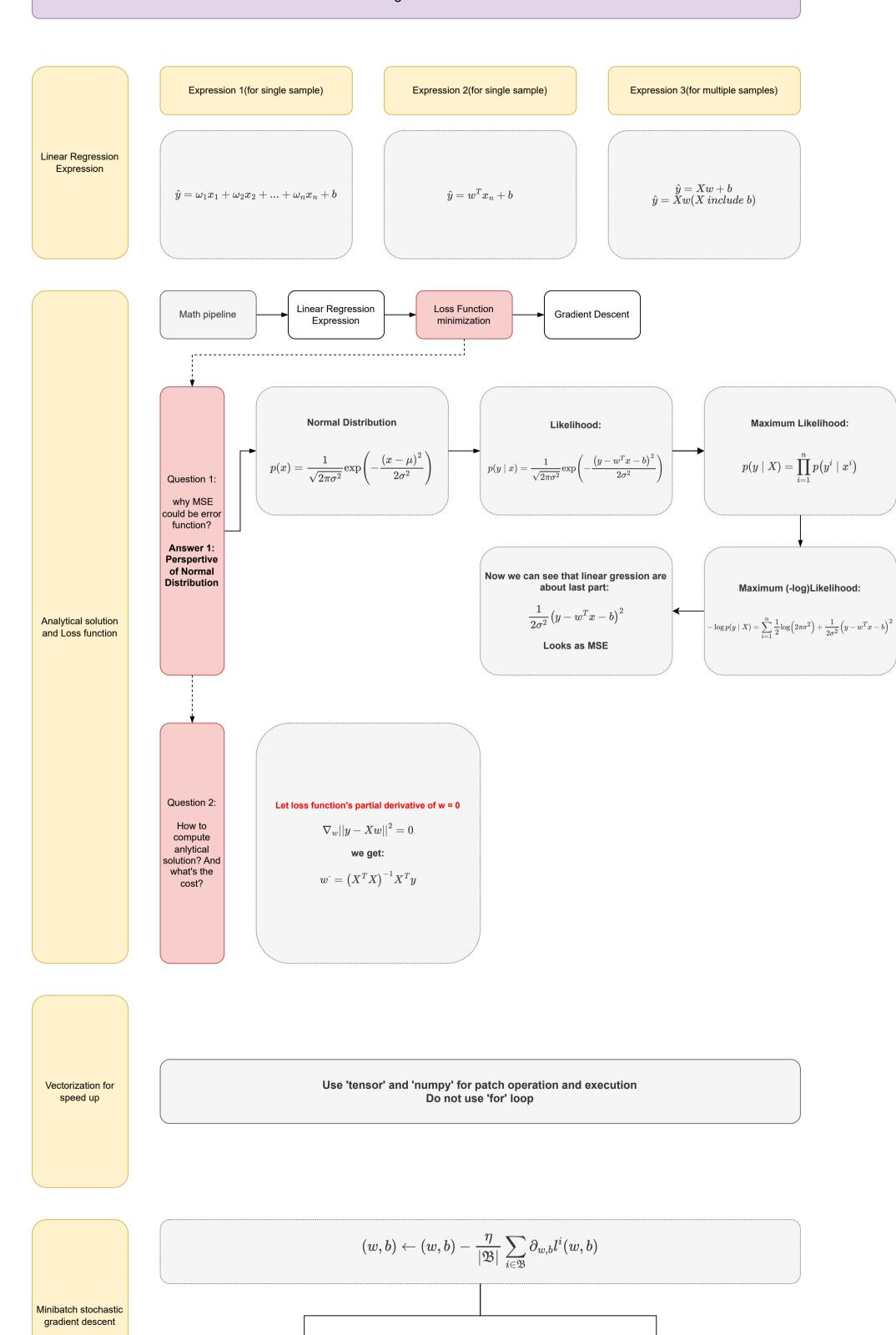
Linear Regression in Math



 $w \leftarrow w - rac{\eta}{|\mathfrak{B}|} \sum_{i \in \mathfrak{B}} x^i ig(w^T x^i + b - y^i ig)$

 $b \leftarrow b - rac{\eta}{|\mathfrak{B}|} \sum_{i \in \mathfrak{B}} ig(w^T x^i + b - y^iig)$