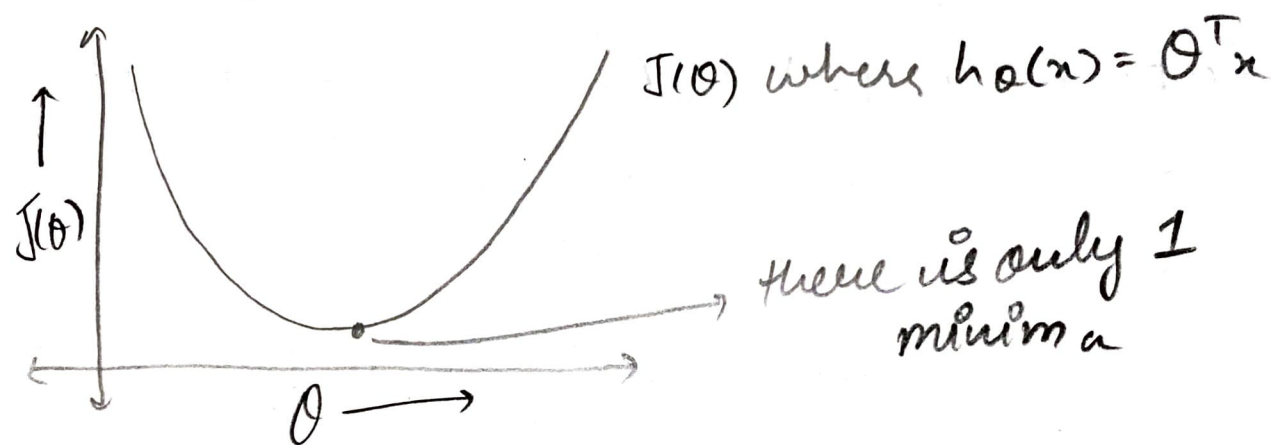
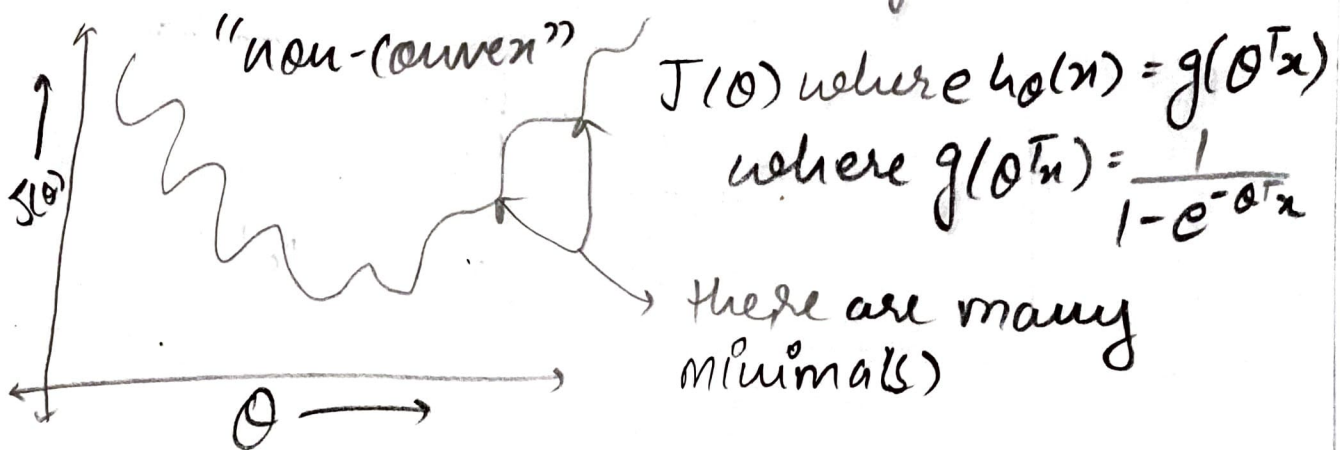


But for logistic Regression the above cost funcⁿ won't work as it will return a non-convex funcⁿ



Logistic Regression Cost function

$$\text{Cost}(h_\theta(x), y) = \begin{cases} -\log(h_\theta(x)) & \text{if } y=1 \\ -\log(1-h_\theta(x)) & \text{if } y=0 \end{cases}$$

