Backward - Propagation :-

$$\boxed{\begin{array}{l}\text{Input: } da^{[l]} \\ \text{Output: } da^{[l-1]},\ dw^{[l]},\ db^{[l]}\end{array}}$$

$$\boxed{\begin{array}{l} z^{[l]} = w^{[l]} A^{[l-1]} + b^{[l]} \\ A^{[l]} = g(z^{[l]}) \end{array}}$$

$$dz^{[l]} = \frac{dL}{dz^{[l]}} = \frac{dL}{da^{[l]}} \frac{da^{[l]}}{dz^{[l]}}$$

$$\boxed{dz^{[l]} = da^{[l]} * g^{[l]'}(z^{[l]})} \quad \text{— (1)}$$

$$dw^{[l]} = dz^{[l]} * a^{[l-1]}$$

$$db^{[l]} = dz^{[l]}$$

This is the Idea.
Actual formula might slightly vary. — (2)

$$\frac{dL}{da^{[l-1]}} = \frac{dL}{dz^{[l]}} \frac{dz^{[l]}}{da^{[l-1]}}$$

$$\boxed{da^{[l-1]} = \cancel{dz^{[l]}}\ w^{[l]T} dz^{[l]}}$$

$$da^{[l]} = w^{[l+1]T} dz^{[l+1]} \quad \text{— (3)}$$

$$\therefore \boxed{dz^{[l]} = w^{[l+1]T} dz^{[l+1]} .* g^{[l]'}(z^{[l]})}$$