In the previous video, Andrew refers to $dz = a(1-a)$.

Note that Andrew is using "dz" as a shorthand to refer to $\frac{da}{dz} = a(1-a)$.

To clarify, earlier in this week's videos, Andrew used the name "dz" to refer to a different derivative: $\frac{dL}{dz} = a - y$.

Recall that the relationship between $\frac{dL}{dz}$ and $\frac{da}{dz}$ is:

$$\frac{dL}{dz} = \frac{dL}{da} \times \frac{da}{dz}$$

$$\frac{dL}{dz} = \frac{a-y}{a(1-a)} \times a(1-a) = a - y$$

Mark as completed