we define a notation: 3. L(ai) (i) - y log (i) - (1 - y) log (1 - ai) -4. C(wb) = \(\big(a^{(i)}, u^{(i)}) we know that: 3c(m/p) = = 3 [(ai), (i)) 16 so we use Chain rule to calculate ? L (a', q'i) 3 L(ai) = 3 L(ai), ai) 3ai 3zii 3wig 19 21 1. $\frac{\partial L(a^{(i)}, y^{(i)})}{\partial a^{(i)}} = \frac{(-y^{(i)})}{a^{(i)}} + \frac{(-y^{(i)})}{(-a^{(i)})} = \frac{1}{2a^{(i)}} = \frac{1}{2a^{(i)$ TANDIS

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