$$= \frac{1}{6} \cdot \left[\left(-1.54 \right)^2 + \left(-3.46 \right)^2 + \left(-5.54 \right)^2 \right]$$

$$\theta_0 = \theta_0 - \alpha \cdot \frac{1}{m} \sum_{i=1}^{\infty} \left(\text{hata(i)} \right) = 0.2 \cdot 0.1 \cdot \frac{1}{3} \cdot \left(-0.46 - 2 \right)$$

$$= 0.282$$

$$\theta_1 = \theta_1 - \alpha \cdot \frac{1}{m} \sum_{i=1}^{m} (hota(i)) = 0.26 - 0.1. \frac{1}{3} \cdot (-0.46 - 2) \cdot 1$$

$$= 0.342 \, \text{m}$$

$$J(\theta) = \frac{1}{2n} \sum_{i=1}^{m} (h_0(x_i) - y_i)^2$$

$$= \frac{1}{6} \cdot \left[(-0.638 - 1)^2 + (-1.28 - 2)^2 + (-1.922 - 5)^2 \right]$$

$$= \frac{1}{6} \cdot \left[(-1.638)^2 + (-3.28)^2 + (-4.822)^2 \right]$$

$$= 6.278 \, \mu$$

$$\theta_0 = \theta_0 - \alpha$$
. $\frac{1}{m} \sum_{i=1}^{m} (hata(i)) = 0.282 - 0.1.\frac{1}{3} \cdot (-0.366 - 3)$
= 0.414,

$$\theta_1 = \theta_1 - \alpha \cdot \frac{1}{m} \cdot \sum_{i=1}^{m} \left(\text{hata}(i) \right) = 0.342 - 0.1 \cdot \frac{1}{3} \left(-0.3666 - 3 \right).2$$

$$= 0.606 \text{ m}$$

CamScanner ile tarandı