ADAGRAD .

$$x_{t+1} = x_t - n \frac{\partial L}{\partial x}$$

$$x_{t+1} = x_t - \frac{x}{\sqrt{6_x^2 + \varepsilon}} \frac{\partial L}{\partial m}$$

Step-5:
$$g_{m}^{2} = g_{m}^{2} + \epsilon q_{m}f$$

 $g_{c}^{2} = g_{c}^{2} + \epsilon q_{c}J^{2}$

Step-7: Sample = sample +1 if sample <ns. 90 to step4 else go to next step Step-8: iter=iter+1 1== 2 11 sm 1= 5+ 11. [[1 x 3] 2 2 1 1 9 13 if iter & epochs go to step 3 else go to next step Step-9: Calculate RMSE, MAE, MSE using final m, c values. Isologo 12 golz