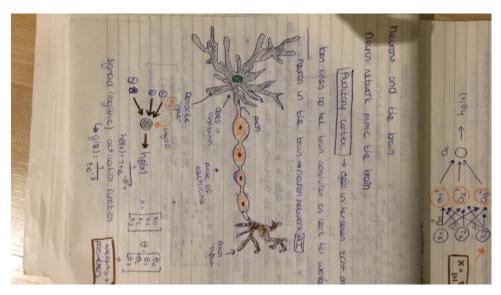
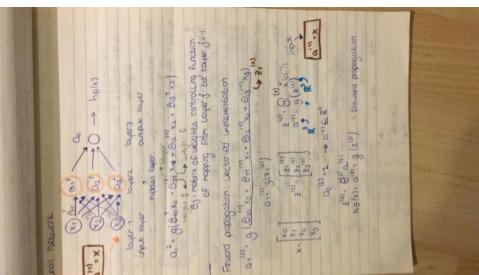
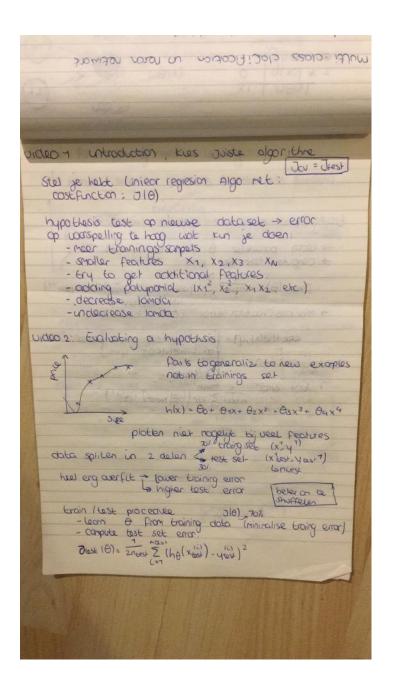
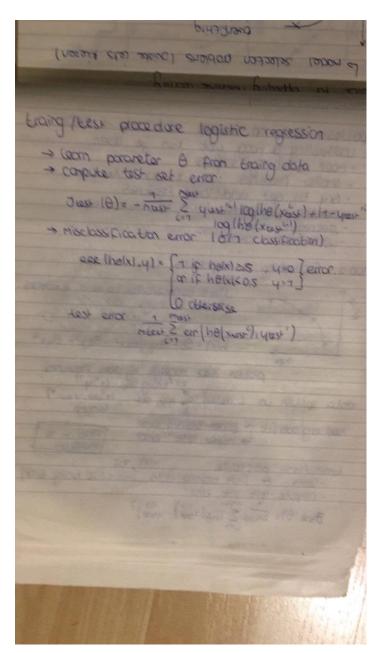
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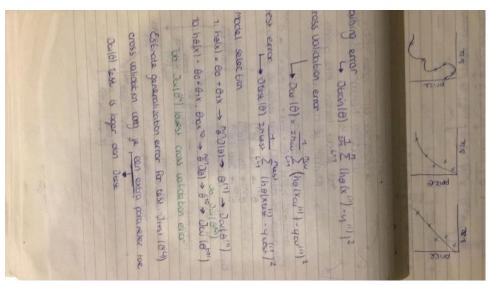


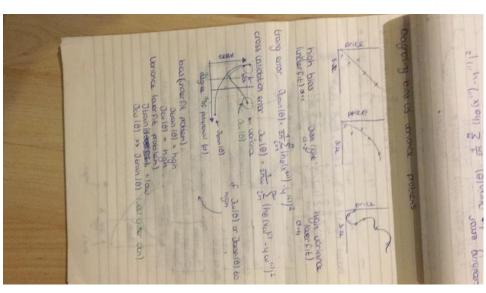


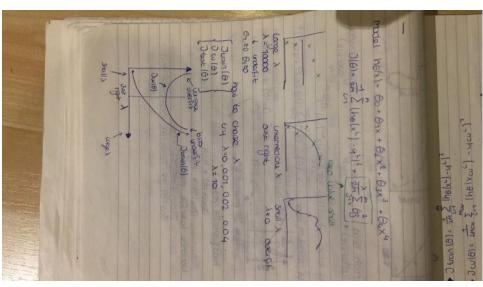


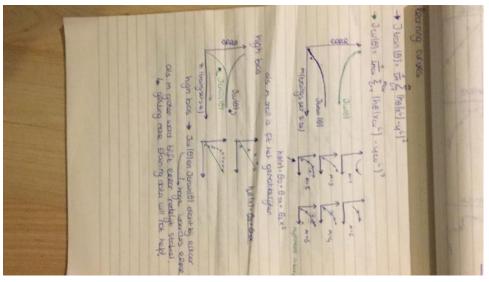


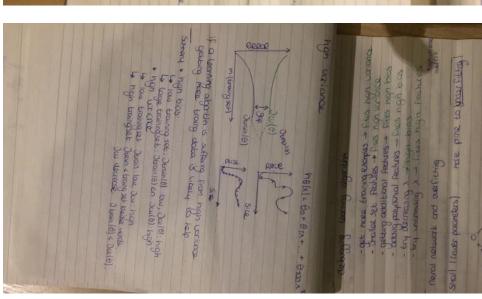


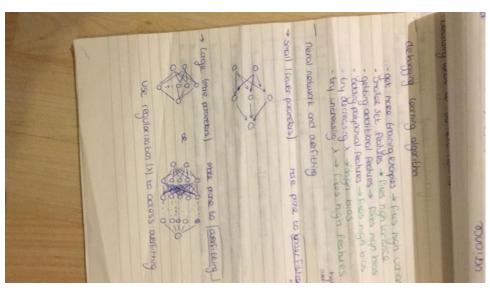


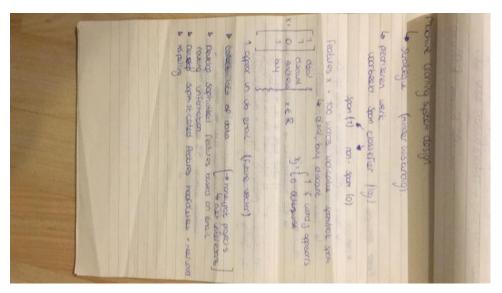


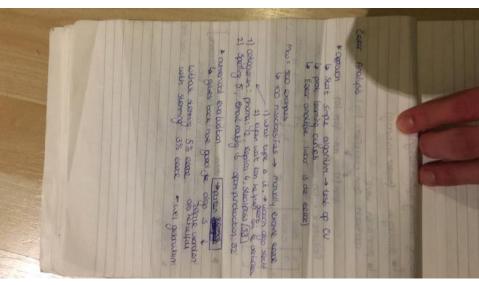


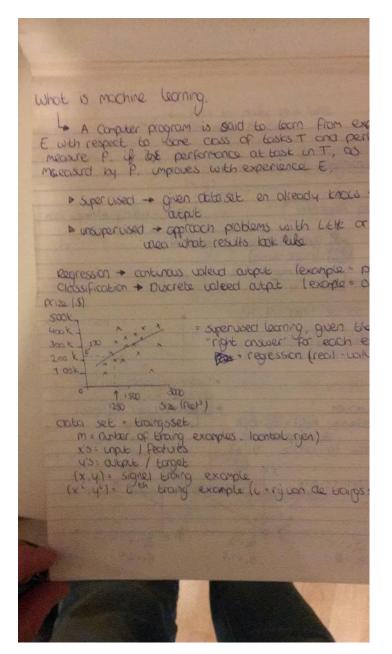


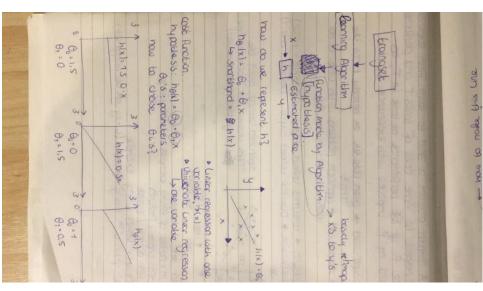


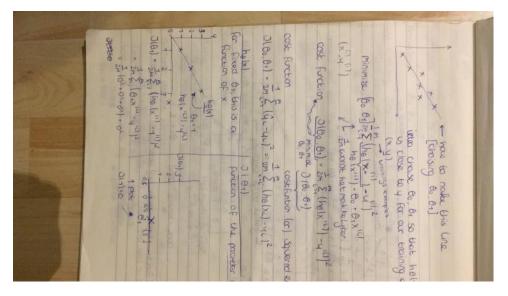


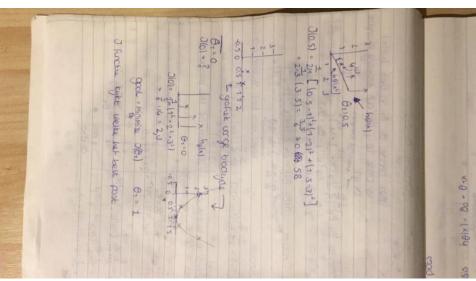


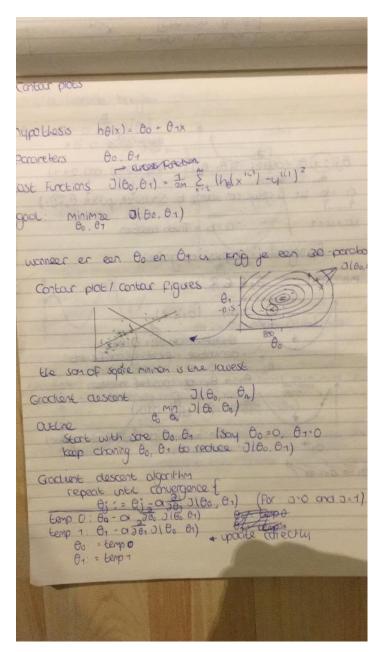


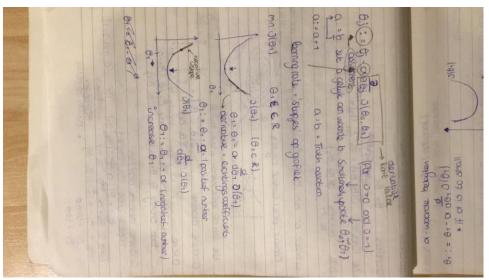


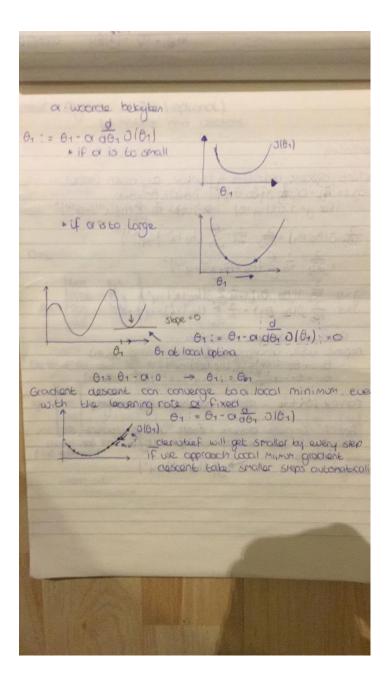












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Gradient descent algorithm | Cinear regression Madel

(for j= 1 and j=0) | (he k) = 0 + 61 × (he kx'') - y'') 2
      30, 0100.01 = 30, 2n & (ho (x")-41")2
            = 20 - 2n 5 (00+01x10-410)2
00 J=0: 80 J(00, 01) = 1 2 (ho(x')-y')
01 J=1: 80 J(00, 01) = 1 2 (ho(xé)-y') = xc1
      Gradient descent Algorithm

repeat until convergence {
0: = 00 - 01 = (he (x') - y') > 00 = 0 (00 01)

0: = 01 - 01 = (he (x') - y') x' de 0 0 (00 01)
      convex functio = de 30 para bal bal varmige.
     'Batch' Godient Descent : Each Step of gradient descent uses all the trainings examples Itycen now sen gettle trainings set)
                                    * (ho (x') - y')
```