WriteUp

Name:Ansh Prakash

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For many of the problem I have normalised the data

Q1. Earlier I was try to run the algo without normalising which resulted in weird graphs and inappropriate fits to the data ,then I normalised the input X and it resulted in much better and smoother run of the algo.

Q2. This was much more cool to see the overfitting graohs for 0.1.For me it seem like some have drwn the graph using hand:)

Q3.This also give good results after normalising data.

Q4. Nothing much .It was straight and direct.

My approch was to draw a mesh grid and plot all the points which satistfies the equation.(This is how I made most of my plots)

Thank you