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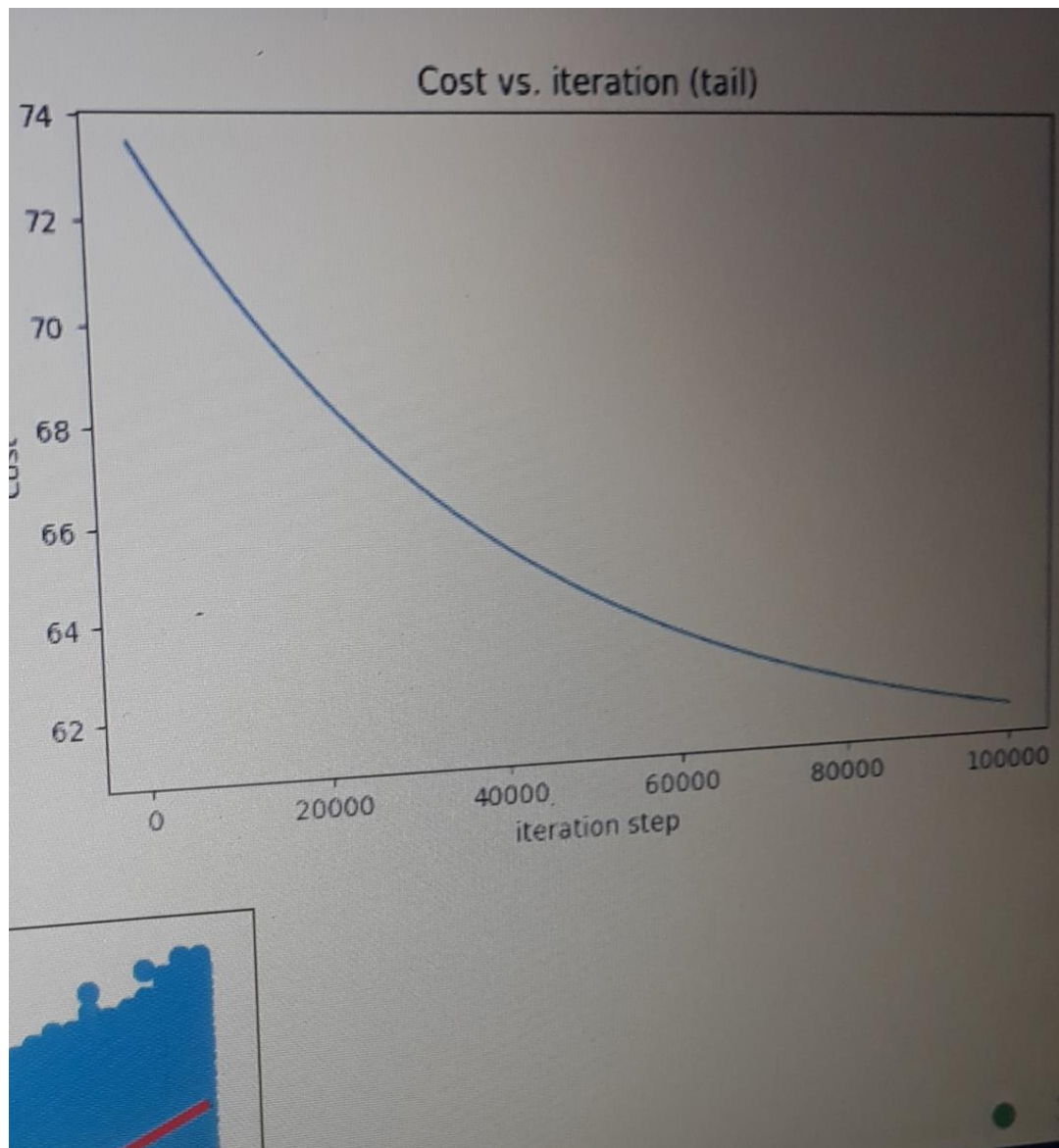
Department: CS

UMS Level : 3

Model #	MSE
Model #1	317.98
Model #2	368.51
Model #3	61.24
Model #4	368.56
Model #5	28.6

Conclusion:

1. Best model of the five is combining **Hours Studied with previous scores** if combining not included will be **previous scores**

2. In previous Scores if Learning Rate was >0.0001 the result will either Contain **NaN** or the **MSE** will be **Higher** than 0.0001 the Same happens with combining previous Scores with Hours Studied

Cost vs. iteration (tail)

This photo determines why using 100000 epochs the time may be very high but this demonstrates taking the epoch after which the error will stay the same only slight changes to it