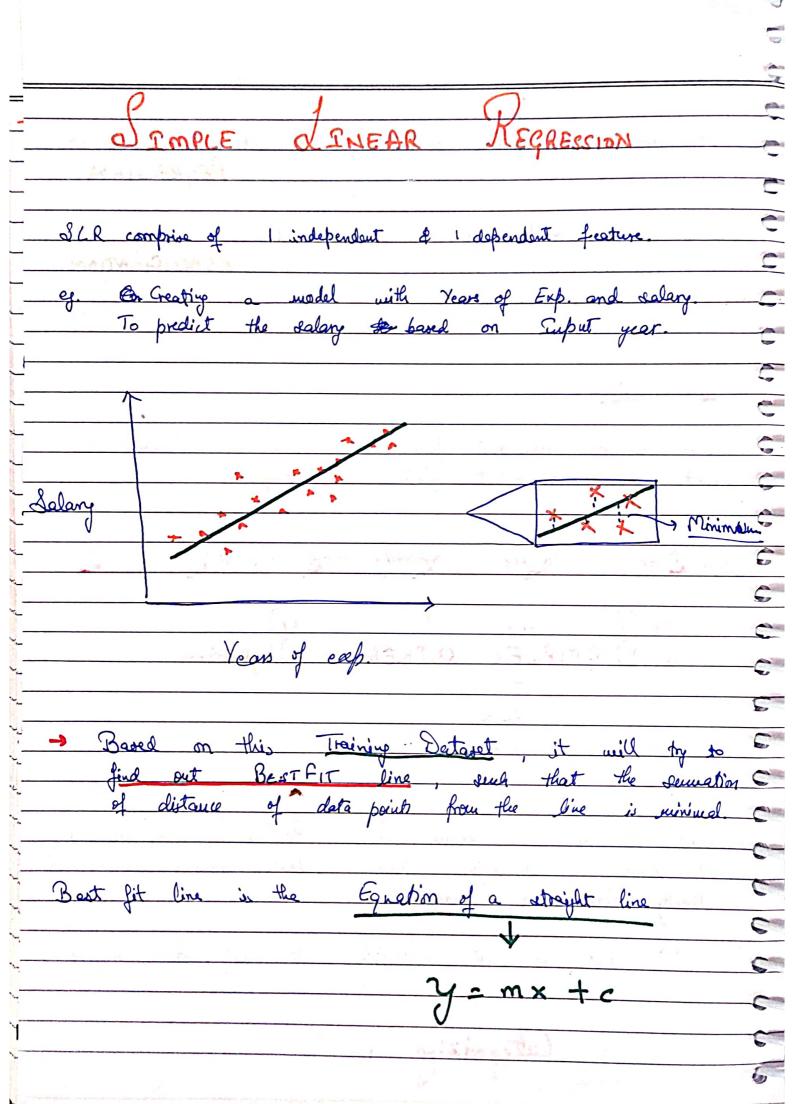
- NTRODUCTION DL vs D -> creating an application where it performs all its tasks without hunan intervention of Reconnectation in Aug. 3 3 3 Subsect of AI. Provides us stats tools to explore ML visualize, Analyze & perform predictions and other tasks: with the help of data. Subject of ML. Miric the human Brain. Evengthly is involved. An all rounder. Stats + Programming + Algebra Stat> 2)

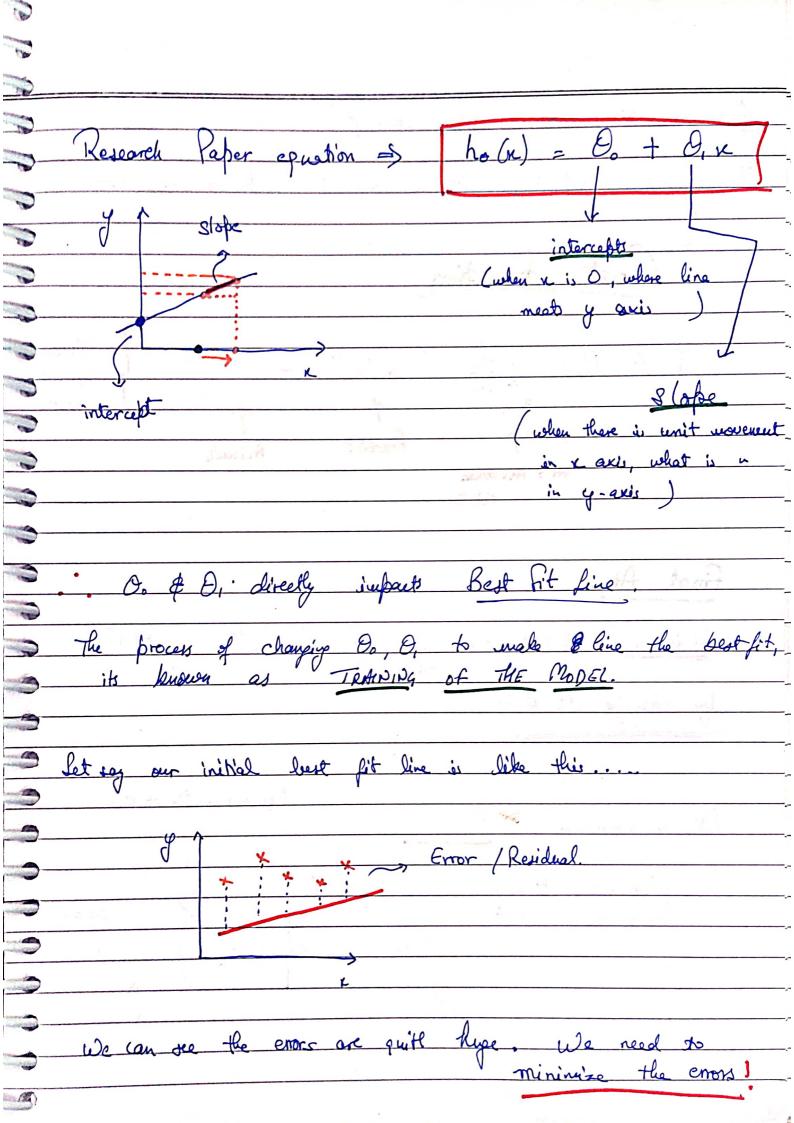
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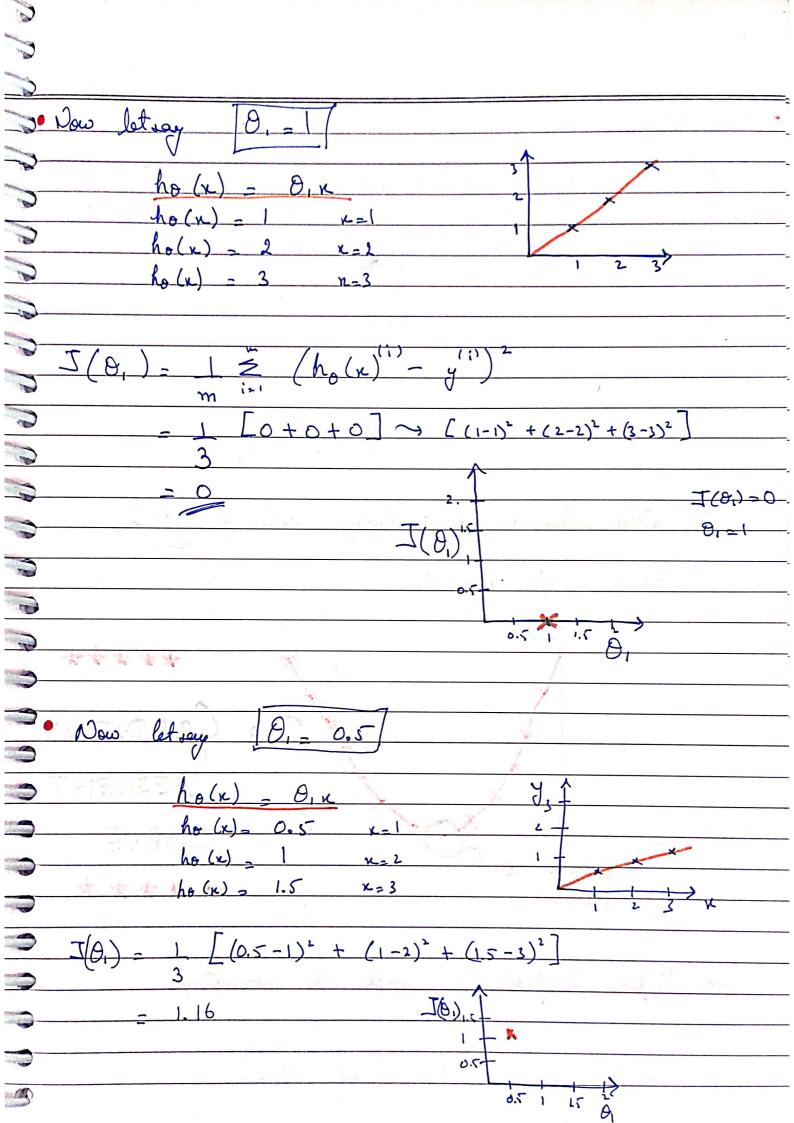
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	whenever our output feature is a continuous value > REGRESSION
	Whenever our output feature is a categorical value ->
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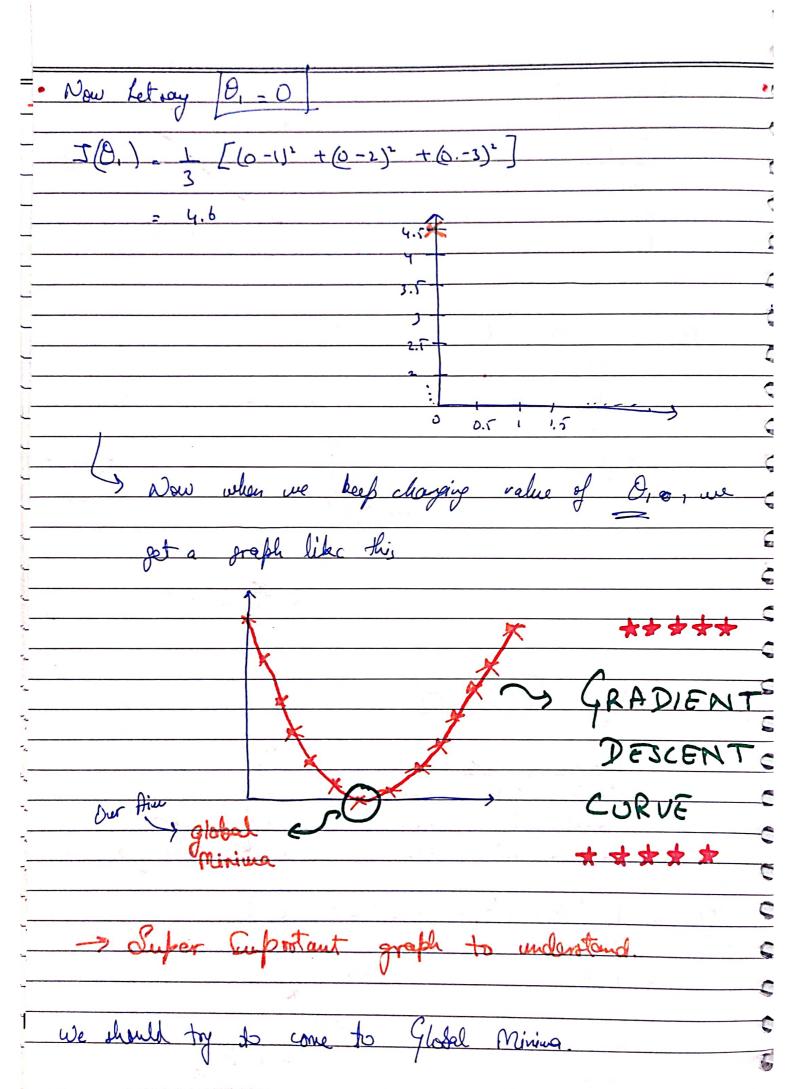




How to mintuize the error? We need to write a equation to veiniuiza ost function (1) ho (x Actual m = All data Prints final Alm (ho (n) J (Bo, O,) = (1) lay changing Do & D. ho(x) - 80 + 8,x Let us consider Now, ho (x) - O, x 80=0 C

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How to efficiely get Global Minima? -ON VERGENCE ALGORITHM the changes of O, values. Ophinize Repeat until Convergence 7 <u>a</u> 7(0;) 7 = slope 1 7(0) 4 > global Minima in crease the value of global Minima. Line Right tide of our line is foring down, so it is a regative alope. I regative slope loads to positive of Dj - Dj - X (-ne 0, +

