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Find Me Out

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Week - 3

What I learnt this week :-

- ☒ Supervised Learning
- ☒ Designing a Learning Algorithm
- ☒ Parameters of the learning algorithm
- ☒ Linear Regression Algorithm
- ☒ Gradient Descent
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- ☒ Batch Gradient Descent
- ☒ Stochastic Gradient Descent
- ☒ Locally weighted regression
- ☒ Parametric learning algorithms and non-parametric learning algorithms
- ☒ Probabilistic Interpretation
- ☒ Logistic Regression
- ☒ Newton's method

What I implemented this week:-

- Training a model using Linear regression
- Training a model using Logistic Regression
- Defined the loss functions
- Defined the $y_{\text{predicted}}$

- Used gradient descent to train the parameters

Link to my Week 3 collab

https://colab.research.google.com/drive/1cN_TEAMVB-K1HAg31c4uuzbgAmDziwBB?usp=sharing