Mean Normalization

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Mean Normalization, also known as zero mean normalizato is a data preproce. ssing technique used to center the data around zero by subtracting the mean (average) from each data point. This process makes the data distribution have a mean of of it helps with dealing with features that have different scales.

Here's how mean normalization works:

- who stolando commission boil 11. Calculate Mean more por por 1008.
- 2. Subtract Mean from Original value inu strisida

Normalized Value = X - Mean Scaled Walor = x

3. (entersed Data: The resulting values will now be centered around o, with positive values indicating how much thewariginal value is above the mean & negative values and indicating how much litis below the mean. sa souls promise only in other second

Lets consider we have a dataset of exam scores ranging from 60 to 90, to normalize we calculated mean score to be 75.

- · Mean = 75
- · X = 80

Normalized Value = 80-75 = 5 So, the score of the 80 would be mean normalized to 5 using this technique.