

Facebook Like Predictor

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Algorithm:

1. Get the Details of Every Friend That likes a Previous Post
2. Count Previous Posts of some Time Interval(say 2 Days)
3. For Every Previous Post find the like of Every friend that liked my previous post.
4. for every friend:

$$\text{Probability of him liking my future post} = \frac{\text{no of previous posts like by this friend}}{\text{Total no of previous posts}}$$
5. Take a Probability Threshold(say 0.7)
6. For every friend:

If Probability is greater than 0.7 then likes=likes+1

Return likes
7. No of likes predicted on future post = likes