1. Which are the top three variables in your model which contribute most towards the probability of a lead getting converted?

1. Total Time Spent on Website

2. Last Notable Activity\_SMS Sent

3. TotalVisit

1. What are the top 3 categorical/dummy variables in the model which should be focused the most on in order to increase the probability of lead conversion?
2. Last Activity\_SMS Sent (positively impacting)
3. Last Activity\_Olark Chat Conversation (negatively impacting)
4. Lead Source\_Olark Chat (negatively impacting)
5. X Education has a period of 2 months every year during which they hire some interns. The sales team, in particular, has around 10 interns allotted to them. So during this phase, they wish to make the lead conversion more aggressive. So they want almost all of the potential leads (i.e. the customers who have been predicted as 1 by the model) to be converted and hence, want to make phone calls to as much of such people as possible. Suggest a good strategy they should employ at this stage.

*A good strategy would be:*

* Focus on wider set of lead audience (inclusion of slightly lower conversion probable leads)
* Altering the cutoff value to enhance the results from our LR model
* Doing so, we would be effectively utilizing and improving the chances of conversion

1. Similarly, at times, the company reaches its target for a quarter before the deadline. During this time, the company wants the sales team to focus on some new work as well. So during this time, the company’s aim is to not make phone calls unless it’s extremely necessary, i.e. they want to minimize the rate of useless phone calls. Suggest a strategy they should employ at this stage.

*A good strategy would be:*

* Focus on on narrow set of lead audience (discarding lower conversion probable leads)
* Increasing the cutoff
* Doing so, less manpower would be used to get fair conversion.