

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

Ans: Top three variables in our model which contribute most towards the probability of a lead getting converted:

- a. Total time spent on website
- b. Lead origin
- c. What is your current occupation

2. 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?

Ans: Top 3 categorical/dummy variables in the model which should be focused the most on in order to increase the probability of lead conversion:

- a. Lead origin_Lead Add Form
- b. What is your current occupation_Working Professional
- c. Last Notable Activity_SMS sent

3. 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.

Ans: The good strategy for the company to cover almost all the potential leads is to reduce the cut-off probability, so no potential leads will be missed by the model.

Also focus on some top feature mentioned in above questions for leads

4. 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.

Ans: The good strategy for the company to reduce unnecessary effort is to increase the cut-off probability, so only high potential leads will be focused.