

1. Which are the top three variables in your model which contribute most towards the probability of a lead getting converted?
 - Tags_Lost to EINS
 - Tags_Closed by Horizzon
 - Tags Will revert after reading the email
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?
 - Tags_Lost to EINS
 - Tags Will revert after reading the email
 - Tags_Busy
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.
 - This can be achieved by lowering our prediction threshold such that all of the potential leads are predicted correctly.
In simple words we should select prediction threshold at which we can see maximum Sensitivity.
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.
 - This can be achieved by increase our prediction threshold such that only leads with highest conversion probability will come which will ultimately minimize the rate of useless phone calls