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 (True-

This has a positive correlation, higher the time spent on the website, higher the chances of a lead generated getting converted into a customer. Thus, pushing more custom offers would easily convert more such leads.

2) Lead Source\_Others-

This variable also has a positive co-relation, if the lead source is mentioned as others then we need to keep an eye on such leads. They should not be let to go away from the website from shopping. Generating custom messages about relevant products would help in such conversions.

3) What is your current occupation\_Working Professional-

If the lead is a Working professional, he or she might not be interested in courses of other categories such as students. Thus, preference wise suggestion could improve the conversion rate and increasing the customer base.

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?

- Lead Source\_Reference

- Last Notable Activity\_SMS Sent

- Last Notable Activity\_Email Opened

- Tags\_Will revert after reading email

Be it the top 3 varables or the dummy variables, Lead Source has a higher influence on the lead conversion rate. Thus focus on the lead source with keeping a check on the last activity could improve the leads conversion rate.

1. 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.
2. 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.