

## **Subjective Questions**

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

**Ans:** The top variables that have contributed towards the result are-

1. Total Time Spent on Website
  - More the time one spends on the website, there is a high probability that the person may convert to a customer.
  - Sales team must focus on such leads.
2. Lead source reference
  - Since, reference can give a person some kind of surety; hence making them the customers.
3. What is your current occupation
  - If the person visiting a site is a student, there are very few chances of it being a customer.
  - Hence sales team can avoid such visitors on priority basis.

- 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:** As it would seem that the Lead Source plays an important role in scouting for leads that have a higher chance of converting a visitor to customer.

Therefore the top 3 Categorical/Dummy variables to increase probability are-

1. Lead Source with elements google
2. Lead Source with elements direct traffic
3. Lead Source with elements organic search

- 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:** Phone calls must be done to people if-

1. They spend a lot of time in the website and this can be done by making the website interesting and thus bringing them back to the site.
2. They are seen coming back to the website repeatedly
3. Their last activity is through SMS or through Olark chat conversation
4. They are working professionals

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:** In this condition they need to focus more on other methods like automated emails and SMS. This way calling won't be required unless it is an emergency. The above strategy can be used but with the customers that have a very high chance of buying the course.

Also, do not focus on unemployed leads, as they might not have the budget to spend for a course.