

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

**Total visits:**

- 1- Positive correlation with target variable
- 2- If the customer's total visits on website is more frequent, then there is a higher probability of the lead converting into customer
- 3- Sales team should not focus on such leads

**Total Time Spent on Website:**

- 1- Positive correlation with target variable
- 2- Higher the time spent on the website, higher the probability of the lead converting into customer
- 3- Sales team should focus on such leads

**Lead Origin Lead add form:**

- 1- Positive correlation with target variable
- 2- If the origin of the lead is Lead add form, then there is a higher probability that the lead would convert, those origins to be focused more here - Sales team should focus on such leads

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?

- 1- Lead Origin Lead add form
  - 2- Lead Source Welingak website
  - 3- Lead Source\_Olark Chat
- It would seem that the Lead Source plays an important role in scouting for leads that have a higher chance of converting

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.

- 1- Target leads that spend a lot of time on X-Education site (Total Time Spent on Website)
- 2- Target leads that repeatedly visit the site or total visits are more (Total visits). However they might be repeatedly visiting to compare courses from the other sites, as the number of visits might be for that reason. So the interns should be a bit more aggressive and should ensure competitive points where X-Education is better, are strongly highlighted.
- 3- Target leads that origin from Add form as they have a higher probability of converting.
- 4- Target leads that comes from the source of Welingak website & Olark chat has high probability of converting into a customer

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.

1-Do not focus on unemployed leads. They might not have a budget to spend on the course.

2- Do not focus on students, since they are already studying and would not be willing to enroll into a course specially designed for working professionals, so early in the tenure.