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

Top three variables which contribute most towards the probability of a lead getting converted are **“Total Time Spent on Website”,” Lead Add Form”** from Lead Origin**,” Working Professional”** from Current Occupation**.**

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?

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 are” **Lead Add Form”** from Lead Origin**,**” **Working Professional”** from Current Occupationand

**“Welingak Website”** from Lead Source**.**

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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.

From the data frame which contains the predicted values for Converted variable, the sales team should filter only leads which has predicted Converted flag as 1 and contact them.

1. 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.

The sales team can focus on reaching more potential leads through advertisement medium or can gain insights about the effectiveness of existing advertisement medium during this time.