Lead Scoring Case Study Subjective Questions

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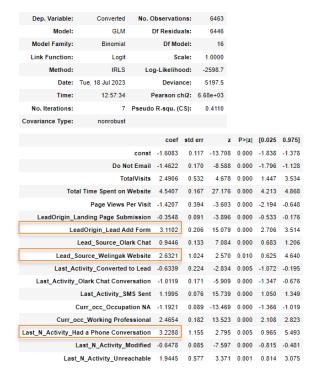
1. Which are the top three variables in your model which contribute most towards the probability of a lead getting converted?

Ans - Three most important variables were 'Total Time Spent on Website',' Last Notable Activity Having A Phone Conversation' (variable – Last Notable Activity) and 'Lead Origin Lead Add Form' (variable – Lead Origin)



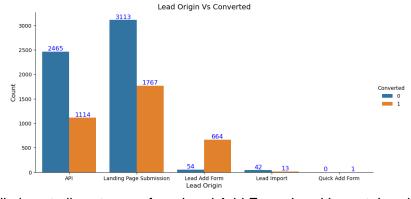
2. What are the top 3 categorical/dummy variables in the model which should be focused the most on in order to increase the probability of lead conversion?

Ans - Three most important dummy variables were Last Notable Activity Having A Phone Conversation' (variable – Last Notable Activity), 'Lead Origin Lead Add Form' (variable – Lead Origin) and 'Lead Source_Welingak Website' (variable – Lead Source)

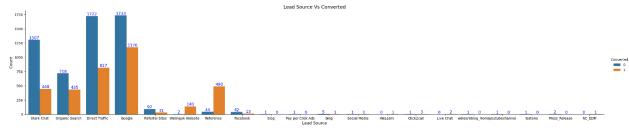


3. X Education has a period of 2 months every year during which they hire some interns. The sales team, in particular, has around 10 interns allotted to them. So during this phase, they wish to make the lead conversion more aggressive. So they want almost all of the potential leads (i.e. the customers 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 – They should focus more on candidates belonging to categories which historically show more conversion rate. For example,



In Lead Origin, call almost all customers from Lead Add Form, Lead Import, Landing Page Submission



In lead source, call almost all customers from Reference, Welingak website, Organic Search and Referral Sites.

Like the above two examples, considering the results from the exploratory data analysis and the finalized variables post data cleaning, the categories with maximum rate of conversion as well as maximum coefficients in the logistic regression models, all candidates can be approached.

Another strategy might be to lower the lead score/probability cutoff values and call all hot leads obtained as a result, for that they will have to lower their precision value requirement

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 – The simplest approach would be to increase the cut-off, giving more priority to precision and Positive Prediction Value, which will lead to employees only reaching out to candidates that have high probability of conversion