

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

**Solution:**

Based on the coefficient values from below screenshot, the following are the top three variables that contribute most towards the probability of a lead getting converted :

- a) Total Time Spent on Website
- b) Lead Add Form (from Lead Origin)
- c) Working Professional ( from What is your current occupation)

const	-2.8270
Lead Number	0.6844
TotalVisits	1.3003
Total Time Spent on Website	4.5675
Last Activity_Olark Chat Conversation	-1.3281
Last Activity_Other	-0.3341
Last Activity_Page Visited on Website	-0.5929
Lead Source_Google	0.2545
Lead Source_Olark Chat	1.5001
Lead Origin_Landing Page Submission	-0.2263
Lead Origin_Lead Add Form	4.2412
What is your current occupation_Working Professional	2.6484
Last Notable Activity_Modified	-0.5179
Last Notable Activity_SMS Sent	1.4472

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?

**Solution:**

Based on the Coefficient Values from the below screen shot, following are the top three categorical/dummy variables that should be focused the most in order to increase the probability of lead conversion:

- a) Lead Add Form (from Lead Origin)
- b) Working Professional ( from What is your current occupation)
- c) Olark Chat ( from Lead Source)



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