

## Summary

1. Lead scoring case study has been done using logistic regression model to meet the constraints as per business requirements.
1. There are a lot of leads in the initial stage but only a few of them are converted into paying customers.
2. The most numbers of leads are from INDIA and in terms of city highest number are from Mumbai.
3. There are a few columns in which there is a level called 'Select' which basically means that the student had not selected the option for that particular column which is why it shows 'Select'. To get some useful data we have to make compulsory selection of dummy variables like Customer occupation, Specialization, etc.
4. The high number of total visits & Total time spent on platform may increasing the chances of lead to be converted.
5. Maximum number of positive response are from Google, Digital Traffic, Reference so sales people shall target the customer of these channels as that's having higher probability rate of conversion.
6. The leads are joined course for Better Career Prospects, most of having Specialization from Finance Management. Leads from HR, Finance & marketing management specializations are high probability to convert.
7. Talking to last notable Activity, making improvement in customer engagement through email & calls will help to convert leads. As the leads which are opening email have high probability to convert. Same is true for leads who had sent SMS.
8. Most of leads current occupation is Unemployed, which means gave more focus on unemployed leads for lower courses fee. But target working professionals for courses that has higher fees.