

X Education Lead Score Analysis

(Group Case Study)

Ву

Akansha Khandelwal

And

Neelanjan Basu

2 Agenda

Topic	Section
Business Objective	3
Dataset Parameters	4
Univariate Analysis	5 – 21
Bivariate Analysis	22 – 25
ML Model Build and Evaluation	26 - 29
Observations and Recommendations	30

- X Education sells online courses to industry professionals based on the leads they receive via different channels the company has used to market. If a user fills up a form, the company treats that as a lead and tries to convert the Lead into a customer via various channels.
- With the current strategy, the company associates get into touch with the Leads and convert only 38-39% of the Lead population, which is low.
- Therefore, as part of the assignment, the company has requested an ML model that can successfully determine the possible customers with > 80% accuracy and possibly save the company from contacting every Lead via different channels.
- In summary, the goal of the Case Study is to:

3

- ✓ Understand the relationship between the variables the company have captured via different channels
- ✓ Build an ML model to assign a Lead Score between 0 100. One hundred would mean that the Lead is hot.
- ✓ The ML model should identify users with 80% accuracy who is willing to take up any course.
- ✓ Identify the top variables which contribute to the model

Dataset and its Parameters

As part of the case study two datasets were provided as follows

- 'Leads.csv' contains all the information collection for a users at the time they filled up the application form application.
- 'Leads Data Dictionary.csv' contains the definition of the columns in the data set

```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 9240 entries, 0 to 9239
Data columns (total 37 columns):
# Column
    Prospect ID
    Lead Number
                                                                 int64
    Lead Origin
                                                                 object
                                                                 object
    Do Not Email
                                                  9240 non-null
                                                                 object
    Do Not Call
                                                  9240 non-null
                                                                 object
    Converted
    TotalVisits
                                                                 float64
                                                  9103 non-null
    Total Time Spent on Website
                                                  9240 non-null
                                                                 int64
    Page Views Per Visit
                                                                 float64
 10 Last Activity
                                                  9137 non-null
                                                                 object
 11 Country
                                                  6779 non-null
                                                                 object
 12 Specialization
                                                                 object
 13 How did you hear about X Education
                                                  7033 non-null
                                                                 object
 14 What is your current occupation
                                                  6550 non-null
                                                                 object
 15 What matters most to you in choosing a course 6531 non-null
                                                                 object
 16 Search
                                                  9240 non-null
 17 Magazine
                                                  9240 non-null
                                                                 object
 18 Newspaper Article
                                                  9240 non-null
                                                                 object
 19 X Education Forums
                                                                 object
                                                  9240 non-null
20 Newspaper
                                                  9240 non-null
                                                                 object
21 Digital Advertisement
                                                                 object
                                                  9240 non-null
 22 Through Recommendations
                                                  9240 non-null
                                                                 object
23 Receive More Updates About Our Courses
                                                                 object
                                                  9240 non-null
                                                  5887 non-null
24 Tags
                                                                 object
25 Lead Quality
                                                                 object
                                                  4473 non-null
26 Update me on Supply Chain Content
27 Get updates on DM Content
                                                  9240 non-null
                                                                 object
28 Lead Profile
                                                  6531 non-null
                                                                 object
29 City
30 Asymmetrique Activity Index
                                                                 object
                                                  5022 non-null
31 Asymmetrique Profile Index
                                                  5022 non-null
                                                                 object
32 Asymmetrique Activity Score
                                                                 float64
                                                  5022 non-null
33 Asymmetrique Profile Score
                                                                 float64
34 I agree to pay the amount through cheque
                                                  9240 non-null
                                                                 object
35 A free copy of Mastering The Interview
                                                  9240 non-null
                                                                 object
36 Last Notable Activity
                                                  9240 non-null
dtypes: float64(4), int64(3), object(30)
memory usage: 2.6+ MB
```

Univariate Analysis – Null Value Treatment

'Leads.csv' contains around **9240 rows x 37 columns**, which we would use for EDA and then feed the relevant columns to the model.

It's observed that the many columns contain 'Select' as not fields are mandatory. Therefore, as part we replaced the 'Select' with Null

Columns with very high % NULL values and there is no way to derive the values from other columns was dropped.

- ► How did you hear about X Education' 78% Null Values
- 'Lead Profile' 74% Null values
- ► 'Lead Quality' 52% Null Values
- 'Asymmetrique Activity Index' 46% Null Values
- ► 'Asymmetrique Profile Index' 46% Null Values
- 'Asymmetrique Activity Score' 46% Null Values
- ► 'Asymmetrique Profile Score' 46% Null Values

Prospect ID	0.0
Lead Number	0.0
Lead Origin	0.0
Lead Source	0.0
Do Not Email	0.0
Do Not Call	0.0
Converted	0.0
TotalVisits	1.0
Total Time Spent on Website	0.0
Page Views Per Visit	1.0
Last Activity	1.0
Country	27.0
Specialization	37.0
How did you hear about X Education	78.0
What is your current occupation	29.0
What matters most to you in choosing a course	29.0
Search	0.0
Magazine	0.0
Newspaper Article	0.0
X Education Forums	0.0
Newspaper	0.0
Digital Advertisement	0.0
Through Recommendations	0.0
Receive More Updates About Our Courses	0.0
Tags	36.0
Lead Quality	52.0
Update me on Supply Chain Content	0.0
Get updates on DM Content	0.0
Lead Profile	74.0
City	40.0
Asymmetrique Activity Index	46.0
Asymmetrique Profile Index	46.0
Asymmetrique Activity Score	46.0
Asymmetrique Profile Score	46.0
I agree to pay the amount through cheque	0.0
A free copy of Mastering The Interview	0.0
Last Notable Activity	0.0
dtype: float64	

Univariate Analysis – Null Value Treatment

For the columns having **NULL values** < **45**%, it was not dropped straight away as few columns may be imputed/derived for the same column or from other column.

'City' - 40% Null Values

There is a 'Other Cities' Category in the City column therefore all City Null values was replaced with 'Other City'

'Specialization' -37% Null Values

All Specialization Null Values was replaced with 'Not Sure'

'7ags' - 36% Null Values

'Tags' is a columns which is filled by the company employee after they spoke with the Lead. But as per the case study we should be able to determine whom the company employee should call. Hence the ML model should not depend on 'Tags'. Hence dropping 'Tags'

Same is the case for 'Lead Quality

'What is your current occupation' -29% Null Values

For the current occupation we have replaced null values with 'Other'

'What matters most to you in choosing a course' - 29% Null Values

There is no much Variance in the column therefore will drop the column

'Country' - 27% Null Values

Country value can be derived from the City values. Also, if the city value is 'Other Cities' we have replaced with 'Other Country'

Prospect ID	0.0
Lead Number	0.0
Lead Origin	0.0
Lead Source	0.0
Do Not Email	0.0
Do Not Call	0.0
Converted	0.0
TotalVisits	1.0
Total Time Spent on Website	0.0
Page Views Per Visit	1.0
Last Activity	1.0
Country	27.0
Specialization	37.0
How did you hear about X Education	78.0
What is your current occupation	29.0
What matters most to you in choosing a course	29.0
Search	0.0
Magazine	0.0
Newspaper Article	0.0
X Education Forums	0.0
Newspaper	0.0
Digital Advertisement	0.0
Through Recommendations	0.0
Receive More Updates About Our Courses	0.0
Tags	36.0
Lead Quality	52.0
Update me on Supply Chain Content	0.0
Get updates on DM Content	0.0
Lead Profile	74.0
City	40.0
Asymmetrique Activity Index	46.0
Asymmetrique Profile Index	46.0
Asymmetrique Activity Score	46.0
Asymmetrique Profile Score	46.0
I agree to pay the amount through cheque	0.0
A free copy of Mastering The Interview	0.0
Last Notable Activity	0.0
dtype: float64	
· · · · · · · · · · · · · · · · · · ·	

Univariate Analysis – Null Value Treatment

For the columns having **NULL values** <= 1%, it was not dropped straight away as few columns may be imputed/derived for the same column or from other column.

'Total Visits' - 1% Null Values

Since the number null values is less therefore, imputed the vales with median of the column

'Page Views Per Visit' - 1% Null Values

Singe the number null values is less therefore, imputed the vales with median of the column

Last Activity - 1% Null Values

Since the number null values is less therefore, we will drop the values

Post all the null value treatment there is no Null Value in the dataset now.

Prospect ID	0.0
Lead Number	0.0
Lead Origin	0.0
Lead Source	0.0
Do Not Email	0.0
Do Not Call	0.0
Converted	0.0
TotalVisits	1.0
Total Time Spent on Website	0.0
Page Views Per Visit	1.0
Last Activity	1.0
Country	27.0
Specialization	37.0
How did you hear about X Education	78.0
What is your current occupation	29.0
What matters most to you in choosing a course	29.0
Search	0.0
Magazine	0.0
Newspaper Article	0.0
X Education Forums	0.0
Newspaper	0.0
Digital Advertisement	0.0
Through Recommendations	0.0
Receive More Updates About Our Courses	0.0
Tags	36.0
Lead Quality	52.0
Update me on Supply Chain Content	0.0
Get updates on DM Content	0.0
Lead Profile	74.0
City	40.0
Asymmetrique Activity Index	46.0
Asymmetrique Profile Index	46.0
Asymmetrique Activity Score	46.0
Asymmetrique Profile Score	46.0
I agree to pay the amount through cheque	0.0
A free copy of Mastering The Interview	0.0
Last Notable Activity	0.0
dtype: float64	

For our benefit during the EDA, we have categorized the individual dataset columns as below.

Dataset: 'Leads.csv'

Lead Unique Identifiers

- Prospect ID
- Lead Number

Categorical Features

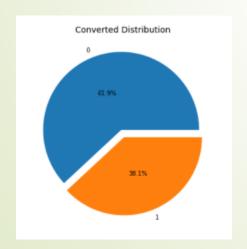
- Lead Origin
- Lead Source
- Do Not Email
- Do Not Call
- Country
- Specialization
- What is your current occupation
- Search / Magazine/' Newspaper Article' / 'X Education Forums' / 'Newspaper' /
 'Digital Advertisement / Through Recommendation
- 'Receive More Updates About Our Courses'
- Update me on Supply Chain Content
- Get updates on DM Content
- City
- I agree to pay the amount through cheque
- A free copy of Mastering The Interview
- Last Notable Activity

Numerical Features

- Converted [Target Variable]
- Total Visits
- Total Time Spent on Website
- Page Views Per Visit

9 Univariate Analysis - Lead Unique Identifiers

- The columns under 'Lead Unique Identifiers' identifies the user's uniquely therefore its of no use to us while building the model therefore have dropped the columns
- Lead Unique Identifiers column:
 - Prospect ID
 - Lead Number
- Currently the it seems only 38% of the Leads we can convert to customers. **Target Variable distribution** is as below



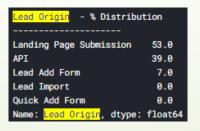
Lead Source:

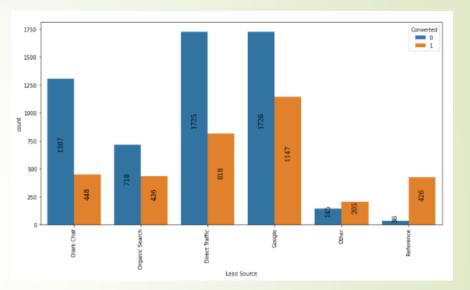
- ✓ Confains 0 % null values
- ✓ To minimize the number of category, any Lead Source category below <= 1% is converted to 'Others'

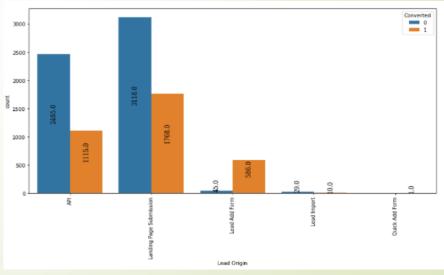
Lead Source - %	Distribution
Google	31.0
Direct Traffic	28.0
Olark Chat	19.0
Organic Search	13.0
Reference	5.0
Other .	4.0
Name: Lead Source	e, dtype: float64

Lead Origin:

- ✓ Contains 0 % null values
- ✓ Users who landed on the landing Page seems to have converted more than any other Lead Origin







Do Not Email:

- ✓ Contains 0 % null values
- ✓ Majority users are happy to receive emails.

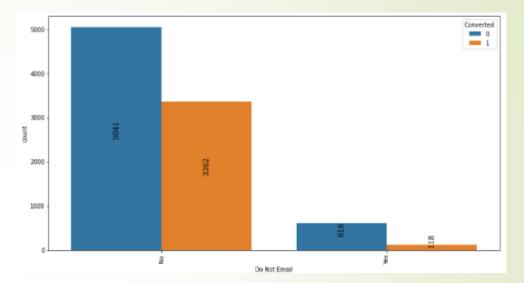
Do Not Call:

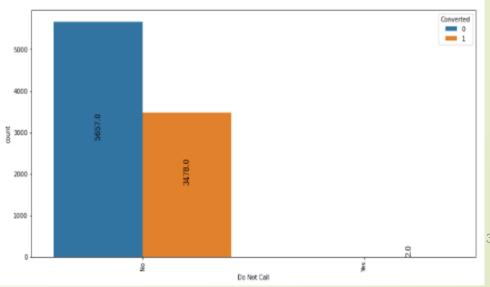
- ✓ Contains 0 % null values
- ✓ Majority users are happy to receive calls
- There is no variance in the column therefore will drop the column

```
Do Not Email - % Distribution

No 92.0
Yes 8.0
Name: Do Not Email, dtype: float64
```

```
Do Not Call - % Distribution
-----
No 100.0
Yes 0.0
Name: Do Not Call, dtype: float64
```





3/10/2021

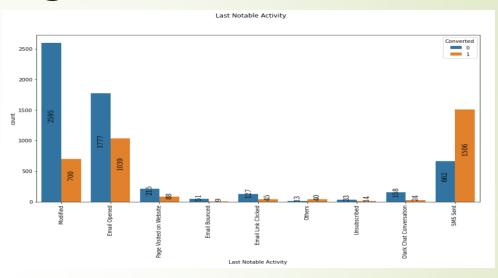
Last Activity:

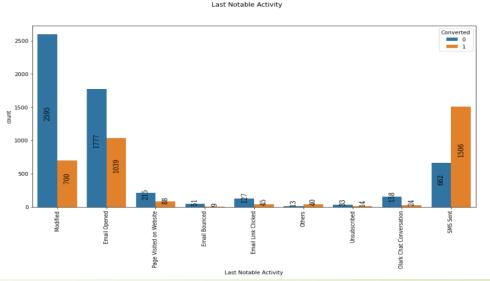
✓ Contains 1 % null values. Therefore, dropped the null values

Last Notable Activity:

- ✓ Contains 0% null values.
- ✓ To minimize the number, of categories have clubbed categories <=2% to 'Others'







0/2021

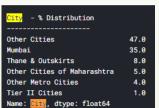
Country:

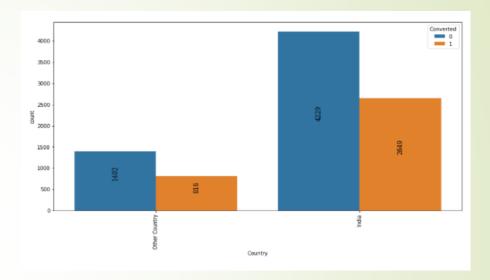
- ✓ Contains 27% null values.
- ✓ There is a lot of different countries reported. Therefore, whatever country we were able to derive from City we imputed else have changed imputed with 'Other Country'

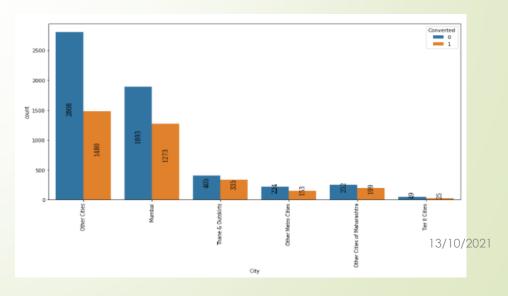
Country - Column Unique Values						
India Other Country	75.0 25.0					
	dtype: float64					

City:

- ✓ Contains 40% null values.
- ✓ Since there is no way to impute the City from Country, we have replaced all Nulls with 'Other Cities'

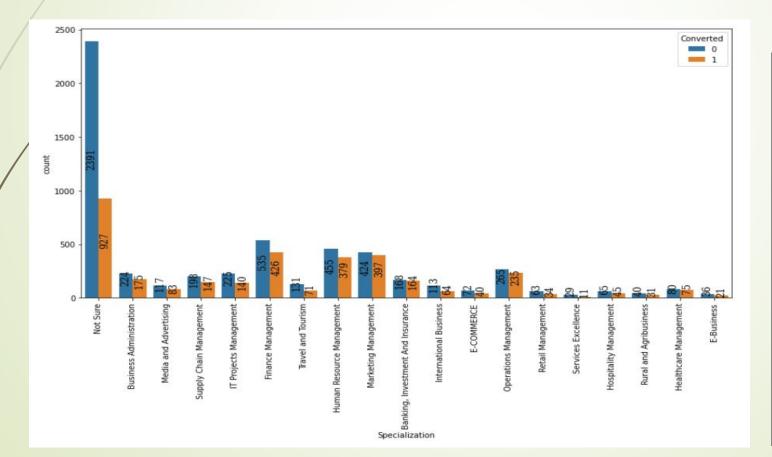






Specialization:

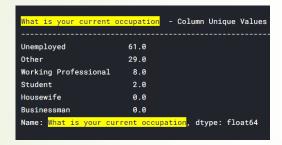
- ✓ Contains 37% null values.
- ✓ Imputed all null values of the column with 'Not Sure'

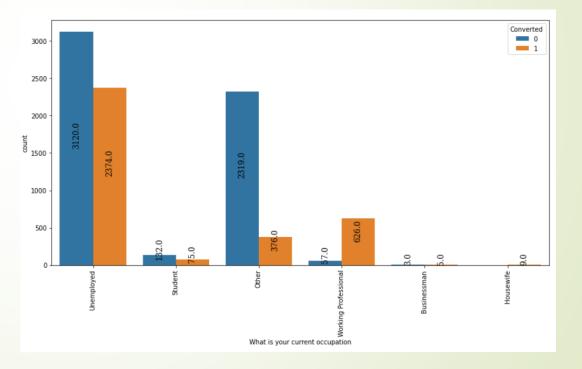


Specialization - % Distribution	
Not Sure	36.0
Finance Management	11.0
Human Resource Management	9.0
Marketing Management	9.0
Operations Management	5.0
Business Administration	4.0
IT Projects Management	4.0
Supply Chain Management	4.0
Banking, Investment And Insurance	4.0
Travel and Tourism	2.0
Media and Advertising	2.0
International Business	2.0
Healthcare Management	2.0
E-COMMERCE	1.0
Hospitality Management	1.0
Retail Management	1.0
Rural and Agribusiness	1.0
E-Business	1.0
Services Excellence	0.0
Name: Specialization dtype: float64	

What is your current occupation:

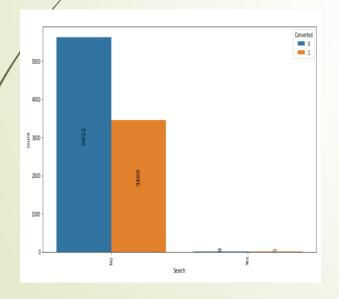
- ✓ Contains 29% null values.
- ✓ Imputed all null values of the column with 'Other'

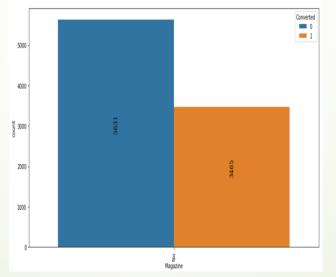


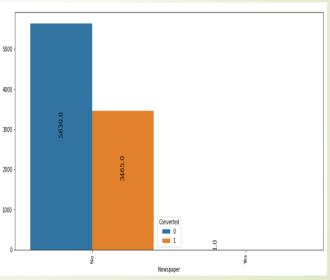


Search / Magazine/' Newspaper Article' / 'X Education Forums' / 'Newspaper' / 'Digital Advertisement / Through Recommendation / 'Receive More Updates About Our Courses' / 'Update me on Supply Chain Content' / 'Get updates on DM Content' / 'I agree to pay the amount through cheque':

- ✓ Contains 0% null values.
- ✓ The columns above contains 0% variance (class imbalance) hence it will be of no use for the ML model. Will drop the columns

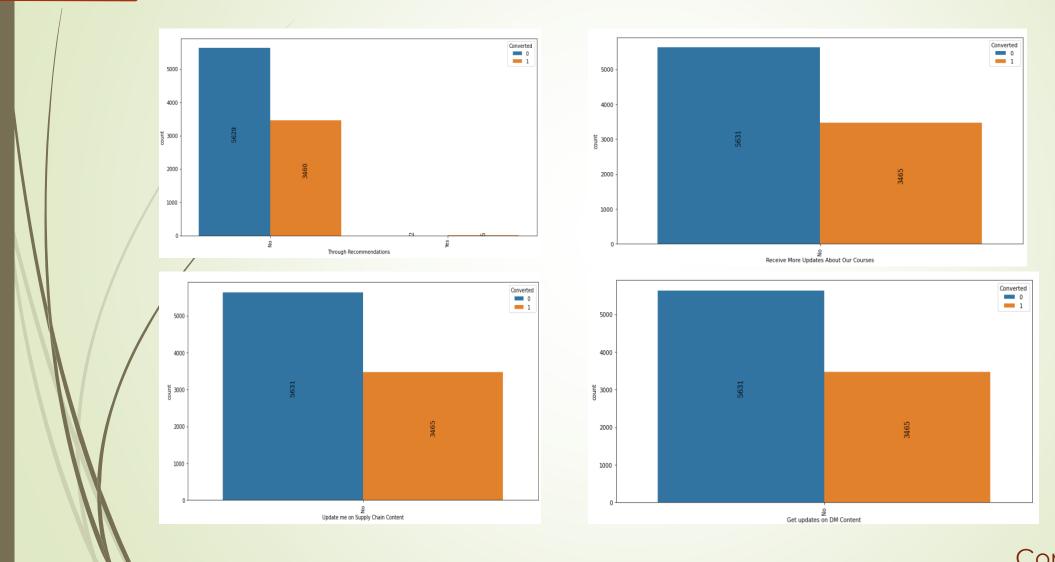


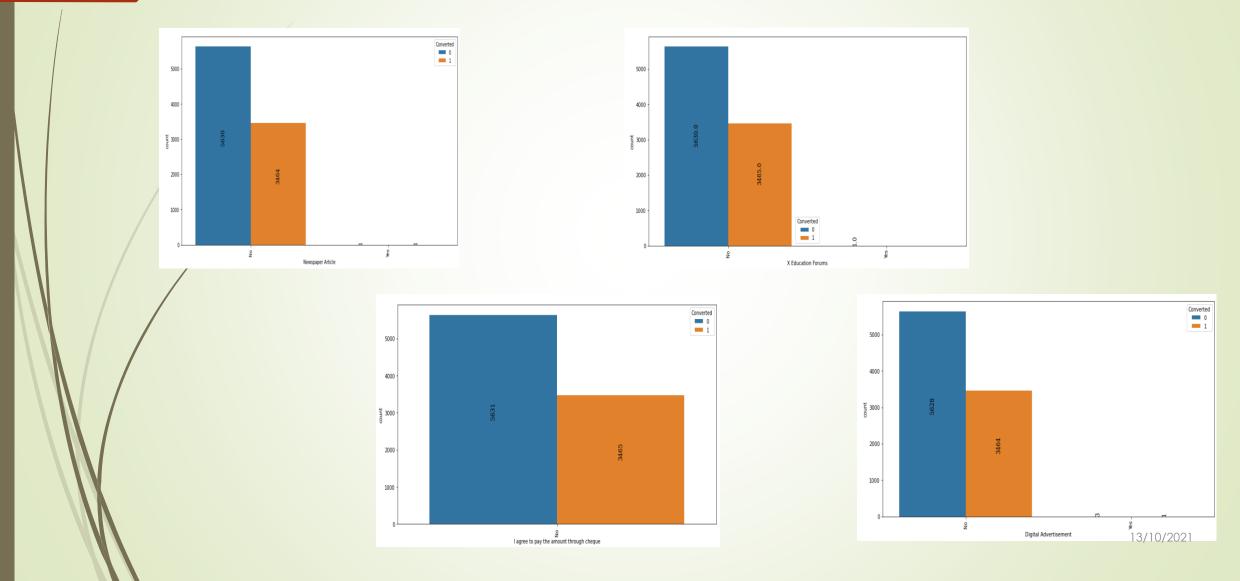




13/10/2021

Continued.....

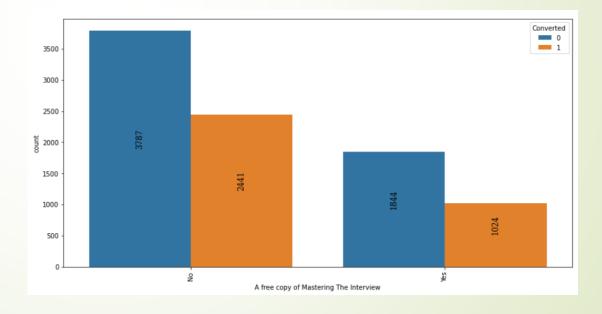




A free copy of Mastering The Interview:

- ✓ Contains 0% null values.
- ✓ It seems people who have not requested for a "Free copy of Mastering the Interview" have also signed up.

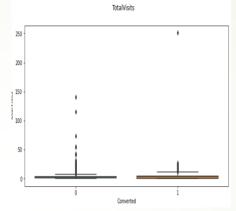
```
A free copy of Mastering The Interview - % Distribution
-----
No 68.0
Yes 32.0
Name: A free copy of Mastering The Interview, dtype: float64
```

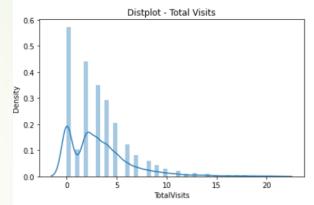


Univariate Analysis – Numerical Features

Total Visits:

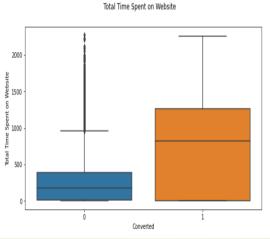
- ✓ Contains 1% null values.
- ✓ Since the number of null values is less that 1% will impute it with the median value
- Removed the rows where Total Visit > 99.5%

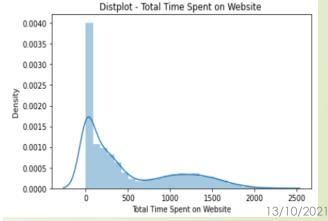




Total Time Spent on Website:

- ✓ Contains 0% null values.
- ✓ It seems people who have spent more time on the website is more likely to sign up for a course

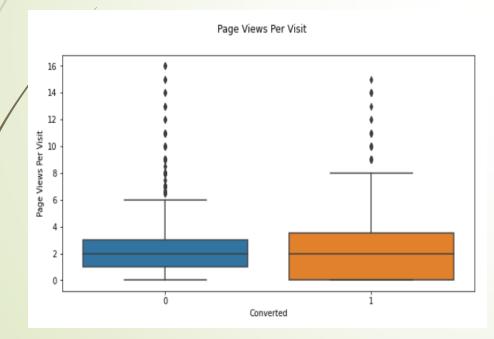




Univariate Analysis – Numerical Features

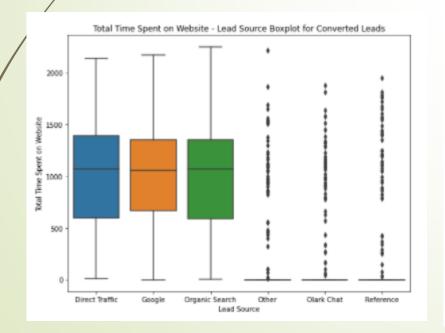
Page Views Per Visit:

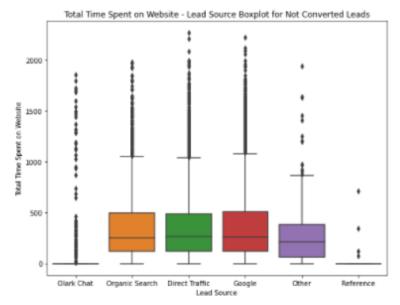
- ✓ Contains 1% null values.
- ✓ Since the number of null values is less that 1% will impute it with the median value.
- Cannot say the variable is having outliers



Total Time Spent on Website Vs Lead Source:

- ✓ For Converted Leads Total Time Spent on Website via direct traffic / Google / Organic Search seems to have a similar range.
- For Non-Converted Leads Total Time Spent on Website via direct traffic / Google / Organic Search seems to have a similar range.
- ✓ The 'Total Time Spent' median for Converted Leads via channels direct traffic / Google / Organic Search
 seems to be almost double compared to a Non-Converted Leads user



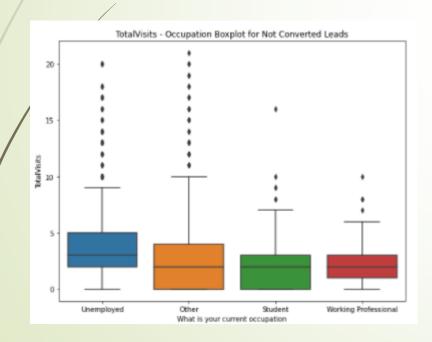


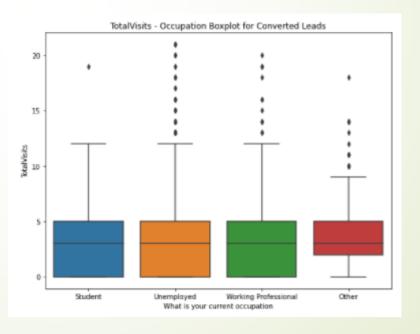
Majority traffic seems to come from Google/Organic Search/Direct Traffic

13/10/2021

Total Visits Vs Occupation:

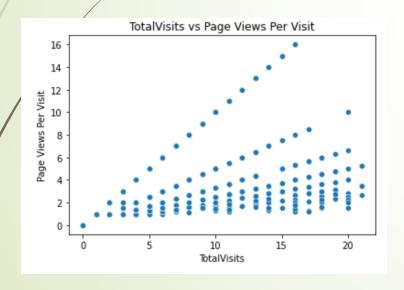
- ✓ There is no significant difference in the Total Visits per profession
- ✓ For Non-Converted Leads Students/Working Professional/Professional/Other visit the website less (Median) compared to a Converted Lead

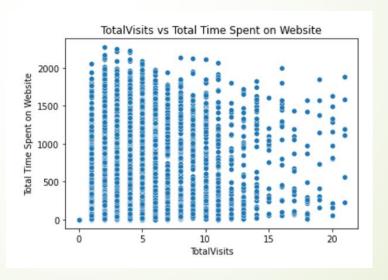




Total Visits Vs Page Views Vs Total Time Spent:

- ✓ There seems to be a linear relation between the Total Visits Vs Page Views per visit.
- ✓ Also, it seems with an increase in the number of visits there is a drop in the Total Time Spent on the Website.
 Or It may be that that lesser users visit the website multiple times.

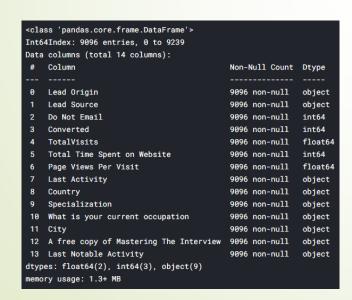




Dataset Correlation

(for the left-over columns after cleaning):

- ✓ There is some collinearity between Total Visits and Total Time Spent on Website
- Other than that, there is not much collinearity present in the dataset therefore we are good for building the model with the existing dataset





Create Dummy / Scale the variables :

- ✓ The dataset now contains 14 columns (9 categorical and 6 numerical columns).
- ✓ The categorial columns were be converted to dummy variable.
- ✓ After 70:30 split of the data into Train and Test. Train & Test dataset contains 6367 and 2729 rows.
- ✓ Used MinMaxScaler to scale the Variables. "Converted" is the [Target Variable] variable here.
- Used Recursive Feature Elimination (RFE) with 15 columns to find out the most significant columns.

Model Evaluation (Model 2 - Train data):

- ✓ Model Parameters (With Prob 0.36)
 - ✓ Accuracy Score 81.12
 - ✓ Sensitivity 81.0
 - ✓ Specificity 81.0
 - ✓ False Positive 19.0
 - ✓ Positive Predictive Value 73.0
 - ✓ Negative Predictive Value 87.0
 - ✓ F1 Score 81.27

Model Evaluation (Model 2 - Test data):

- ✓ Model Parameters (With Prob 0.36)
 - ✓ Accuracy Score 80.54
 - ✓ Sensitivity 80.0
 - ✓ Specificity 81.0
 - ✓ False Positive 19.0
 - ✓ Positive Predictive Value 71.0
 - ✓ Negative Predictive Value 87.0
 - ✓ F1 Score 80.75

As per the plot (placed in the next slide) between **Accuracy / Sensitivity and Specificity it seems cutoff of 0.36** is the ideal cut-off for the model

	Generalized Linear Mode	1 Ragrassian R	asu1+s					
	Converted			63				
Model:		Df Residuals:		63				
	Binomial			-				
Link Function:				1.00				
Method:		Log-Likelihood		-2534				
Date:	Mon. 11 Oct 2021			5069				
Time:	02:46:24			6.56e+				
No. Iterations:								
Covariance Type:								
			coef	std err	z	P> z	[0.025	0.9751
const			-3.2836	0.186	-17.626	0.000	-3.649	-2.918
Specialization_No	ot Sure		-0.9855	0.127	-7.736	0.000	-1.235	-0.736
Last Activity_Ema					11.660			
Last Activity_Oth	hers				3.925		1.252	3.750
Last Activity_SMS	S Sent				8.208			1.653
Last Notable Acti	ivity_Others		2.6162	0.503	5.201	0.000	1.630	3.602
Last Notable Acti	ivity_SMS Sent		1.0827	0.157	6.888	0.000	0.775	1.391
What is your curr	rent occupation_Student		1.1013	0.239	4.602	0.000	0.632	1.570
	rent occupation_Unemploy				11.773		0.875	1.225
What is your curr	rent occupation_Working	Professional	3.5713	0.208	17.153	0.000	3.163	3.979
Lead Source_Olark	k Chat		1.1490	0.137	8.360	0.000	0.880	1.418
Lead Origin_Landi	ing Page Submission						-1.220	-0.708
Lead Origin_Lead	Add Form				15.947		3.268	
TotalVisits					6.548		1.540	
Total Time Spent	on Website		4.6105	0.171	26.883	0.000	4.274	4.947
Page Views Per Vi	isit		-1.9360	0.425	-4.552	0.000	-2.770	-1.103
********Variand	ce Inflation Factor of t	he Model*****	****					
		Features	VIF					
0		const	23.45					
4	Last Acti	vity_SMS Sent	4.31					
5	Last Notable Acti							
11	Lead Origin_Landing Pa	ge Submission	3.36					
1	Specializa	tion_Not Sure	2.90					
15	Page Vi	ews Per Visit						
13		TotalVisits	2.17					
10		ce_Olark Chat						
12		Lead Add Form						
	current occupation_Work							
2		_Email Opened						
	is your current occupati							
14	Total Time Spe							1
3		tivity_Others						I
5	Last Notable Ac							
7 Wha	at is your current occup	ation_Student	1.06					

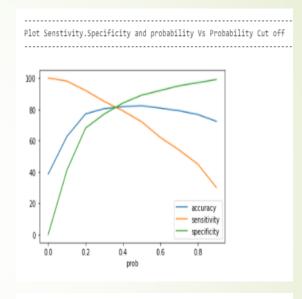
As per the plot (placed in the next slide) between

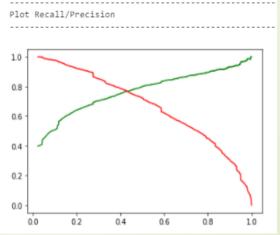
Accuracy / Sensitivity and Specificity it seems cutoff of

0.36 is the ideal cut-off for the model

Probability	Accuracy	Sensitivity	Specificity
/ 0	38.57	100	0
0.1	62.6	98	41
0.2	77.08	92	68
0.3	80.41	85	77
0.4	81.69	79	84
0.5	82.25	72	89
0.6	80.74	62	92
0.7	79.08	54	95
0.8	76.69	45	97
0.9	72.31	30	99

Please note that the Lead score is the Probability % returned by the Logistic Regression model.





Top Features:

Serial Number	Features	Feature Coefficient
1	Total Time Spent on Website	4.610469
2	Lead Origin_Lead Add Form	3.726397
3 /	What is your current occupation_Working Professional	3.571323
4	const	3.283554
/5	Last Notable Activity_Others	2.616187
6	Last Activity_Others	2.501128
7	TotalVisits	2.197668
8	Page Views Per Visit	1.936048
9	Last Activity_SMS Sent	1.334504
10	Lead Source_Olark Chat	1.148977
11	What is your current occupation_Student	1.101285
12	Last Activity_Email Opened	1.100598
13	Last Notable Activity_SMS Sent	1.082652
14	What is your current occupation_Unemployed	1.050106
15	Specialization_Not Sure	0.985521
16	Lead Origin_Landing Page Submission	0.964084

	alized Linear Mode							
Dep. Variable:				63				
Model:		Df Residuals:		63				
Model Family:	Binomial							
Link Function:	logit	Scale:		1.00				
Method:	IRLS	Log-Likelihood	l:	-2534				
	on, 11 Oct 2021			5069.1				
Time:		Pearson chi2:		6.56e+	03			
No. Iterations:	. 6							
Covariance Type:								
							[0.025	
			2 2026	0.100	17.636	0.000	2 640	2.010
Const Engainliantion Not Euro			-3.2836	0.185	7 726	0.000	-3.649	-2.918
Specialization_Not Sur	e ened		-0.9855	0.127	-7.736	0.000	-1.235	-0.736
const Specialization_Not Sur- Last Activity_Email Op Last Activity_Others Last Activity_SMS Sent Last Notable Activity_ Last Notable Activity_ What is your current o	eneu		1.1000	0.637	3.035	0.000	0.910	2.750
Last Activity_Others			1 2245	0.037	0 200	0.000	1.252	1 652
Last Notable Activity	Others		2 6162	0.103	5 201	0.000	1.630	3 692
Last Notable Activity	SMS Sant		1 0827	0.363	5.201	0.000	0 775	1 391
What is your current o	counstion Student		1 1013	B 239	4 682	0.000	0.773	1 579
What is your current o	ccupation_Scodenc	ed	1.0501	0.233	11.773	0.000	0.875	1.225
What is your current o	ccupation Working	Professional	3.5713	0.208	17.153	0.000	3.163	3.979
Lead Source Olark Chat			1.1490	0.137	8.360	0.000	0.880	1.418
Lead Origin Landing Pa			-0.9641	0.131	-7,379	0.000	-1.220	-0.708
Lead Origin Lead Add F	orm		3,7264	0.234	15.947	0.000	0.880 -1.220 3.268 1.540 4.274	4.184
TotalVisits			2.1977	0.336	6.548	0.000	1.540	2.855
Total Time Spent on We	bsite		4.6105	0.171	26.883	0.000	4.274	4.947
Page Views Per Visit			-1.9360	0.425	-4.552	0.000	-2.770	-1.103
********Variance Inf	lation Factor of t	he Model*****	****					
		Features	VIF					
0		const	23.45					
4	Last Acti	vity_SMS Sent	4.31					
6	Last Notable Acti	vity_SMS Sent	3.92					
11 Lead	Origin_Landing Pa	ge Submission	3.36					
1	Specializa	tion_Not Sure	2.90					
15	Page Vi	ews Per Visit						
13		TotalVisits						
10		ce_Olark Chat						
12		Lead Add Form						
9 What is your curre								
2		_Email Opened						
	r current occupati							
14	Total Time Spe							
3		tivity_Others						
5	Last Notable Ad							
7 What is	your current occup	ation_Student	1.06					

Conclusion

Summary:

Instead of contacting all the Leads, the Sales team of the X Education company should use the Lead Scoring as a fundamental methodology to determine which leads have the higher potential to transform into a buyer.

The model presented (in slide 27) could identify 80-81% of the leads, possible buyers correctly compared to 38% before.

This means if the Sales team were spending X days to contact 100 Leads, they were able to get only 38 buyers.

But now, with the help of this model Sales team will spend X days to contact 100 Leads identified by the model, out of which 80-81 buyers should signup, which is a straight 110% jump.

Therefore, the Sales team of the company

- Will likely to spend time on the leads more likely to convert into customers and lower marketing costs. Also means Targets can be met well before agreed time.
- Revenue to increase quite a few folds with the same Sale FTE due to higher conversion rates
- The sales team can get 20% of the non-converted leads and recommend it to another group to nurture them a little bit before they can be converted to a possible buyer.