

	Confusion N	Matrix Heatmap	- 1000	
7.	13	3	- 800	
Actual Not Converted	2		- 600	
Actual			- 400	
Converted	237	1039	- 200	
J	Not Converted	Converted edicted		
			ndicating successful prediction of conversions. s of correctly identifying non-conversions. Given the small number of	of
actual non-co	nversions (16), this		icates the rarity of non-conversion cases or possible class imbalance	
each missed c	conversion represen	nsiderable number of conversions to a potential revenue opportunity les relative to FP and FN indicates		
A high FP rate		t the model is too optimistic, seeir	ng conversions where there are none. This might waste resources by	,
mean missed	revenue or lost opp	portunities for growth.	ally missing out on genuine opportunities for conversion. This could	
though it's so because the a	mewhat prone to m ctual number of no	nissing some (indicated by the FN on	odel is quite good at capturing the majority of actual conversions, e count). The precision for the "Not Converted" class is low (0.05), parg any error more impactful on precision and recall metrics.	tly
historical data	from our CRM and	warranty systems to learn pattern	n sales leads are most likely to convert into actual sales. The model us that indicate a successful conversion. an accuracy rate of approximately 81%. This means that in 81% of	ıses
cases, the mo	del accurately predi he Model: One of th	cts whether a lead will convert or noted and the model's key strengths is its ability	not. ity to correctly identify a large majority of the leads that will convert	· ·•
most promisir	ng leads.		ch suggests it is a valuable tool for focusing our sales efforts on the opportunities, as indicated by a false negative rate. This means that the	nere
which could ir	nvolve further refini	ng our data inputs or adjusting the	model as high-potential. We're looking into ways to reduce this rate e model's parameters. e suggests that it can significantly enhance our sales strategy by	<u>,</u>
prioritizing lea higher conver	ads with the highest sion rates overall. T	t likelihood of conversion. This cou he insights from the model also pi	revide us with opportunities to revisit and optimize our lead redicts as non-converting but might still hold potential.	
Next Steps: W	e plan to integrate	the model's predictions into our sa	ales processes, enabling more targeted follow-ups. Additionally, we nd feedback from the sales team to further improve its accuracy.	will
to continually	refine our sales tar	geting strategies based on model	nend a collaborative approach where sales and data teams work clos predictions and real-world outcomes.	•
	n these key points, <u>y</u> d the need for ongo		l in enhancing business strategies, while also being transparent abo	ut its