

Salifort Motors Employee Attrition Prediction

Employee Retention

ISSUE / PROBLEM

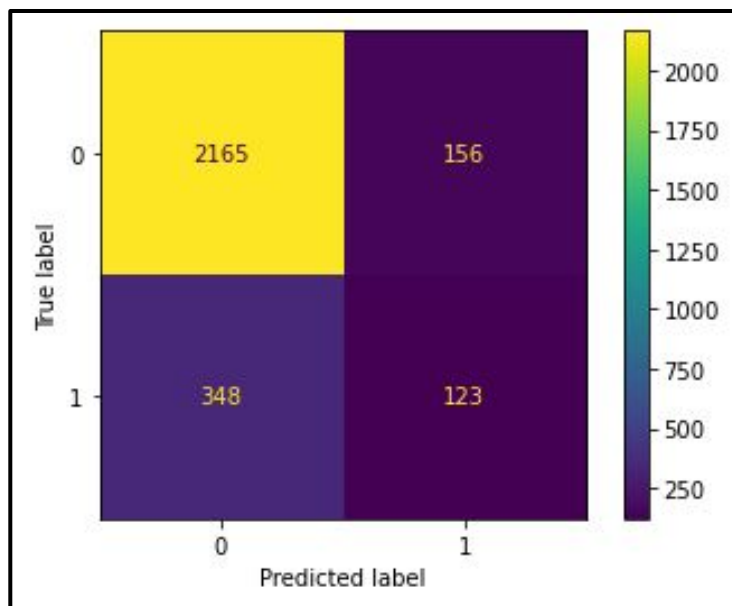
Salifort Motors is curious as to how they can improve employee retention and want to know what makes an employee leave.

RESPONSE

The data team decided to build a logistic regression model in order to answer Salifort Motors' question.

IMPACT

I anticipate the impact of this work to be significant as it can help leaders know how to better retain employees. This will save the company time and money.



Confusion matrix for the logistic regression model which shows a total of 504 misclassification samples

KEY INSIGHTS

The model was fairly accurate in predicting whether employees would leave or not and can be used in the future to identify who is likely to attrit.

Moving forward, the data team recommends that the company limit the total number of projects employees can work on and limit the number of hours worked. Also promote employees who have longer tenure.