

Data Analysis and Model Evaluation Summary

1. Cross-validation scores: The model's performance scores for each fold of cross-validation are provided. The scores for the respective folds are [0.846375, 0.850375, 0.85, 0.845, 0.8555]. These scores indicate the accuracy or effectiveness of the model in predicting customer bookings for each fold of the cross-validation process.
2. Mean CV Score: The mean CV score is the average of the cross-validation scores. In this case, the mean CV score is 0.84945. It represents the overall performance of the predictive model across all the folds. A higher mean CV score indicates better predictive power and accuracy of the model.
3. Standard Deviation of CV Scores: The standard deviation of the CV scores measures the variability or spread among the cross-validation scores. In this case, the standard deviation is 0.0036611132186809173. A lower standard deviation suggests less variability among the scores, indicating that the model's performance is consistent across different folds of the cross-validation process.
4. Overall, the provided data suggests that the predictive model has a mean CV score of 0.84945, indicating a good overall performance in predicting customer bookings. The low standard deviation of 0.0036611132186809173 suggests that the model's performance is consistent and reliable across different folds of the cross-validation process.

	precision	recall	f1-score	support
0	0.87	0.98	0.92	8520
1	0.52	0.14	0.23	1480
accuracy			0.85	10000
macro avg	0.69	0.56	0.57	10000
weighted avg	0.82	0.85	0.82	10000

