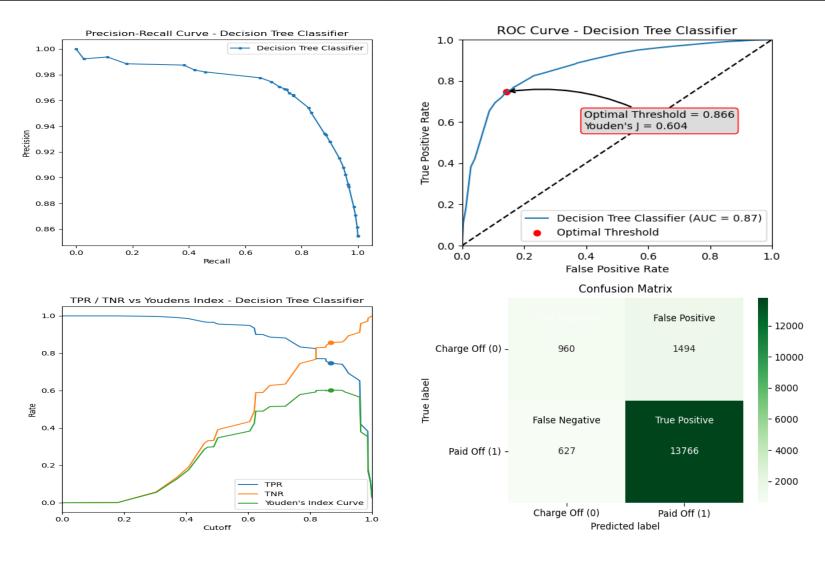
Decision Tree Classifier

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| Model Name | Confusion Matrix | Accuracy | Precision | Recall | Specificity | F1 Score | Youden J Stat | Optimal P Threshold |
|--------------------------|-------------------------------|----------|-----------|--------|-------------|----------|---------------|---------------------|
| Decision Tree Classifier | [[960 1494] [627 13766]] | 0.874 | 0.902 | 0.956 | 0.391 | 0.928 | 0.604 | 0.866 |



| Parameter | Value |
|-------------------|---------|
| class_weight | |
| criterion | entropy |
| max_depth | 5 |
| max_features | |
| min_samples_leaf | 10 |
| min_samples_split | 2 |
| splitter | best |