Bank Marketing Analysis and Decision Tree Report

Model Evaluation Metrics:

Accuracy: 0.9025

Precision: 0.6855

Recall: 0.2489
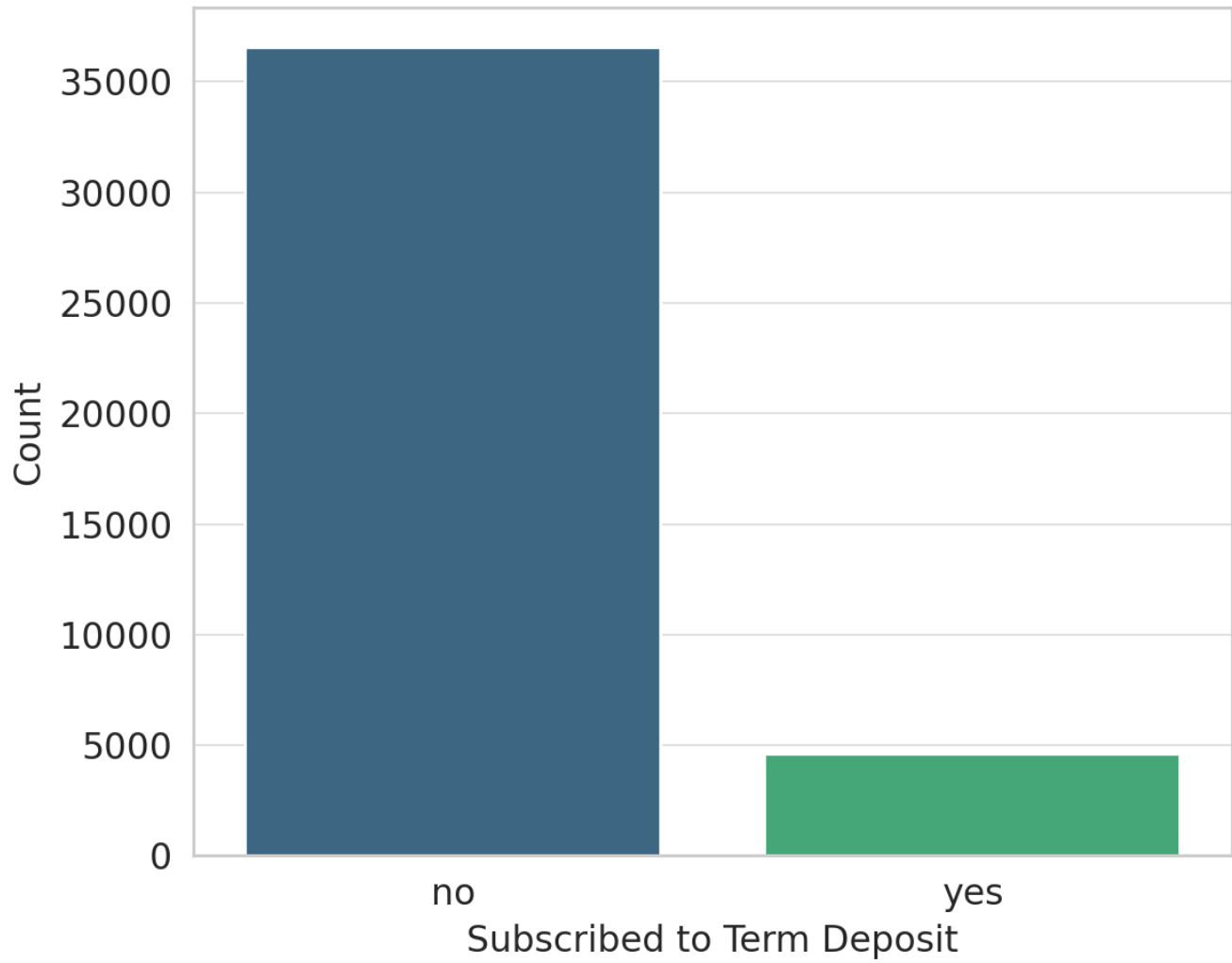
F1-Score: 0.3652

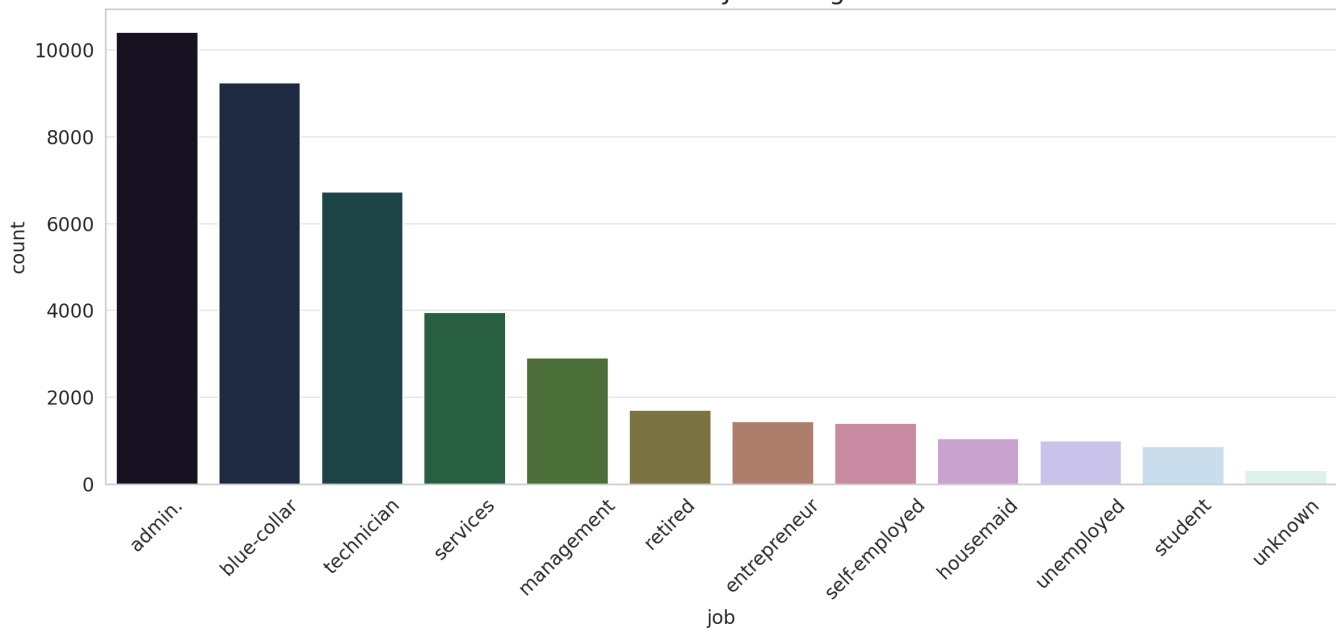Classification Report:

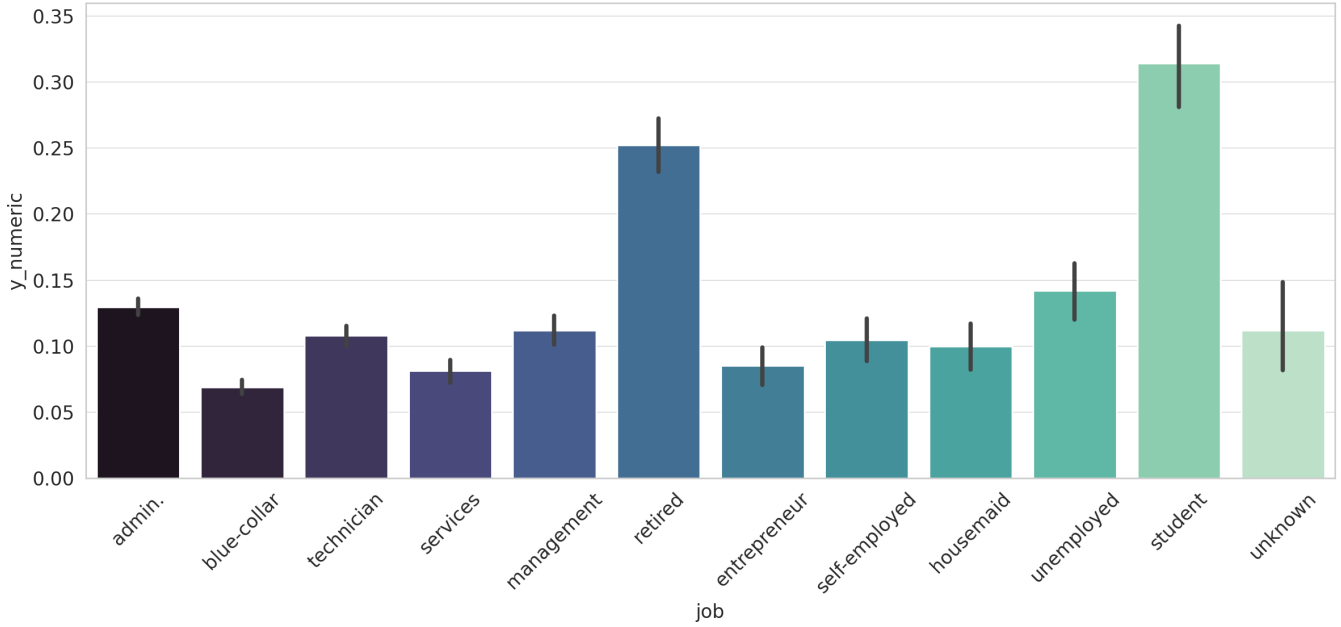|	precision	recall	f1-score	support
0	0.91	0.99	0.95	7310
1	0.69	0.25	0.37	928
accuracy			0.90	8238
macro avg	0.80	0.62	0.66	8238
weighted avg	0.89	0.90	0.88	8238

Visualizations

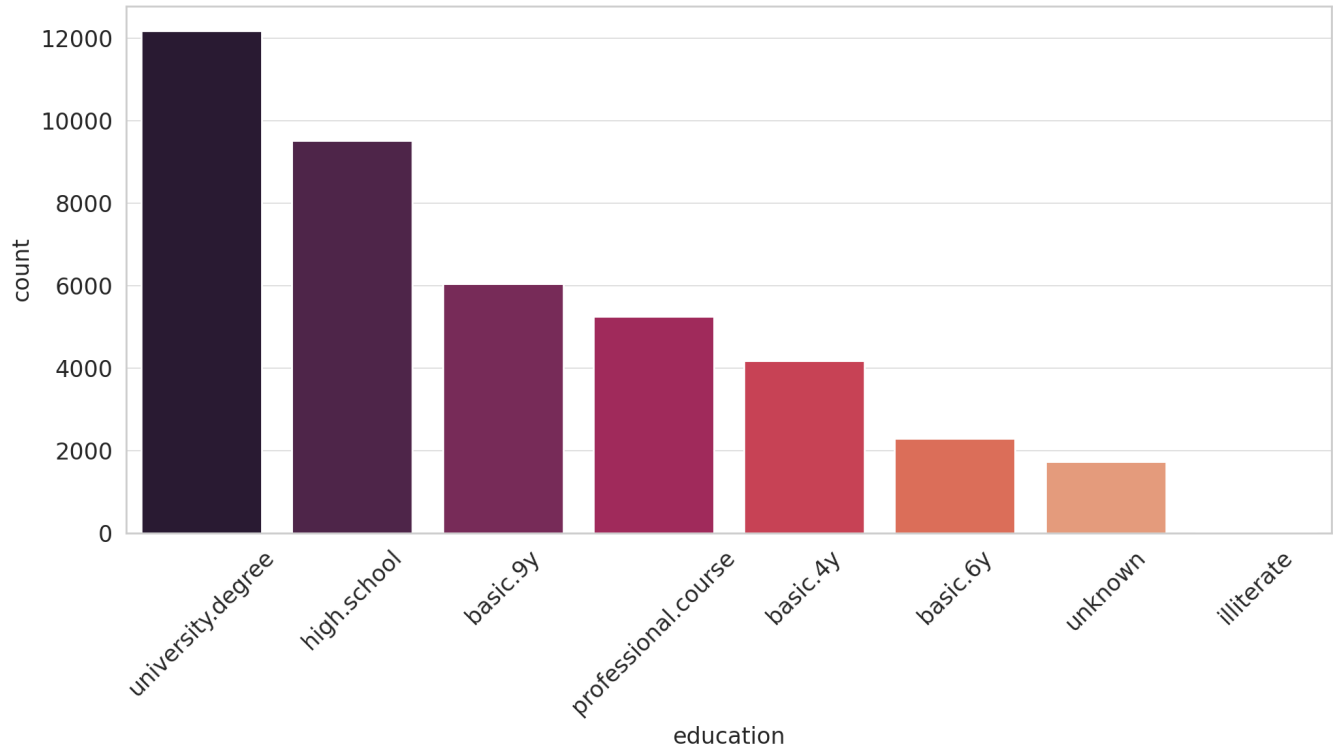# Distribution of Term Deposit Subscription (y)

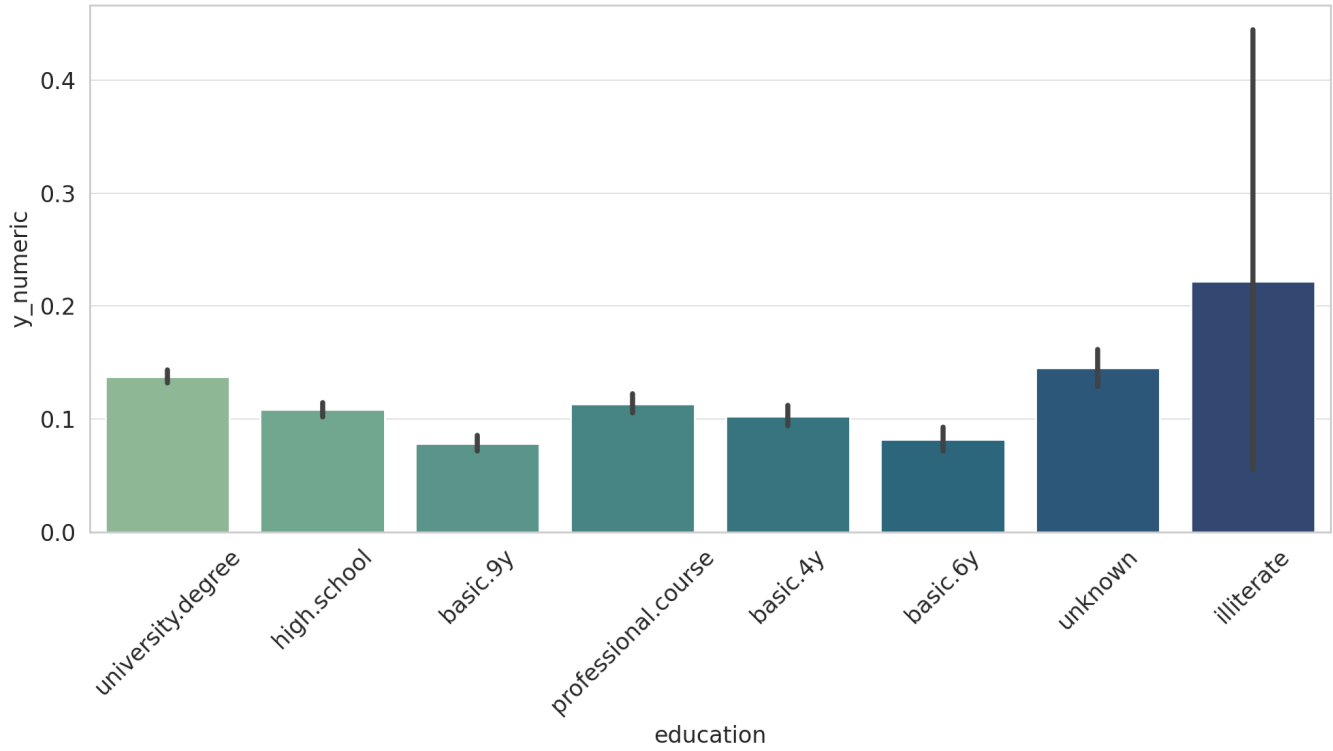## Distribution of Job Categories

Subscription Rate by Job Type

Distribution of Education Levels

Subscription Rate by Education Level

Distribution of Marital Status