# Model Performance Comparison

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| Model | Accuracy Score | Observations |
| Logistic Regression | 80.76% | Variables show both positive and negative correlations; results align with EDA insights. |
| Random Forest | 80.88% | Key features include monthly contracts, tenure, and total charges; performance similar to LR. |
| Support Vector Machine | 82.02% | Achieved the highest accuracy; confusion matrix shows robust classification performance. |
| AdaBoost | 81.59% | Ensemble method that yields competitive performance with a focus on boosting weak learners. |
| XGBoost | 80.95% | Performance comparable to RF and LR; noted as a slower learning model based on boosting. |