Cross-Validated Performance of Best Models

Model	CV Accuracy (Mean ± Std)	Precision	Recall	F1-Score	Best Hyperparameters
Gradient Boosting	**0.9453**	**0.9449**	**0.9453**	**0.9444**	*Default/Optimized*
Neural Network (Config 3)	**0.9300 ± 0.0078**	**0.9290**	**0.9300**	**0.9292**	*Config 3 (Best)*
SVM	**0.9206**	**0.92**	**0.92**	**0.92**	*Optimized*
Penalized Regression	**0.8882**	**0.89**	**0.89**	**0.89**	C=0.1, L1 penalty, max_iter=250