

ML tool for predicting vulnerabilities in PHP source code

This tool is part of the thesis and is in developing process.
All comments and feedback are welcomed.

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The table below shows information about the performance of the classifier used in this tool.
More information and options for the report will be updated in the future.

			Precision	Recall	F1-score	Accuracy
Decision Tree	SQLi	• Safe	0.93	0.85	0.89	0.84
		• Unsafe	0.67	0.83	0.74	
	XSS	• Safe	0.79	0.80	0.79	0.78
		• Unsafe	0.73	0.81	0.77	
Random Forest	SQLi	• Safe	0.93	0.86	0.89	0.85
		• Unsafe	0.70	0.85	0.76	
	XSS	• Safe	0.80	0.82	0.81	0.79
		• Unsafe	0.74	0.81	0.78	
SVM	SQLi	• Safe	0.90	0.84	0.87	0.84
		• Unsafe	0.72	0.82	0.77	
	XSS	• Safe	0.80	0.79	0.79	0.79
		• Unsafe	0.74	0.82	0.78	