

Creating a Visual Model to Predict Vulnerabilities

Challenge and Opportunity

A company which has become a global leader in vulnerability intelligence, breach data and risk ratings wanted to create a new tool that provided its customers with actionable information about security vulnerabilities.

Approach

- Detecting and defending against online security vulnerabilities is often a reactive practice after a hacking has already taken place.
- Using current website HTML content, historical data, and data mapping, our team was able to create a model which anticipated when a potential hack could happen before it does.
- The data is then delivered to the client's customers through an online portal in simple, easy to understand visualizations so that can act to avoid a security breach.

Results

The tool has become one of the client's most successful products with nearly 30,000 customers being monitored.

50+

Clients Served*

20+

Data Services Offered

185%

Average ROI Based on 2 years of cost decrease or revenue increase over consulting fees *

(excluding internal implementation cost)