Kaustubh Patel

CYSE 201S

Date 04/01/2025

**Week 12 - Journal Entry 13**

The article "Using Hacker One Data to Create a Bug Bounty Economic Model" gives a detailed look at bug bounty programs and their financial aspects. It reviews how these programs have changed over time and shows how they help organizations find software weaknesses by using outside experts in a cost-effective way. The article explains how companies weigh the costs of possible security breaches against their investments in preventive security placing bug bounties within the larger picture of cybersecurity economics. The authors analyze data from Hacker One and find that offering higher rewards leads to more skilled researchers participating which helps uncover more serious vulnerabilities. This shows how important it is to match financial rewards with security goals. Overall, the article demonstrates that economic ideas especially weighing costs and benefits play a key role in effectively setting up bug bounty programs.