Information Gathering Vulnerability Analysis (Network Logs, Application **Aggregated System Information** (Perform vulnerability scans and identify the IDS/IPS Logs, system weaknesses). information) **Vulnerability Report Risk Assesment Attempt Exploit** (Data (Try different Exfiltration,system YES YES **Testing Report** Vulnerability Detected ? exploitation methods Is Exploitation Succesful? access etc) eg fuzzing, SQLi, etc) NO Additional Altermative Testing Vulnerability methods YES scans YES **Risk Assesment Report Testing Report Vulnerability Report** Vulnerability Detected? Vulnerability Detected? NO Final Reporting and Documentation.