

Defensive Programming – Medicine To Increase Resistance To Data Integrity Struggles



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“The problem of insecure software is perhaps the most important technical challenge of our time”

Organizations define policies, procedures and technical controls to prevent unauthorized access, alteration, and theft of data. Examples include software monitoring, hardware redundancy, data backup, storage encryption, and administrative procedures (6). Cyberattacks arguably pose the biggest threat to data integrity and are a daily occurrence. As of June 15, 2020, there were 8878 new Common Vulnerability and Exposures received by the NIST(7). Cyberattacks are non-discriminate, affecting technologies across business verticals including healthcare; examples include: Ransomware attacks accounted...

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