# CYBERSECURITY THREATS

What is a CyberSecurity Threat? According to (Imperva, n.d.), a cybersecurity threat is a malicious act performed by individuals with the goal of stealing data, causing damage to or disrupting computing systems. CyberSecurity threats include malware, phishing and spear-phishing, man-in-the-middle (MiTM) attacks, distributed denial-of-service(DDoS), structured query language (SQL) injection, domain name system (DNS) attack, insider threats and drive-by download attack according to (RiskOptics, 2023). CyberSecurity threats lead to CyberSecurity attacks and these can happen both locally and internationally.

CyberSecurity attacks that happened locally include an attack on multiple government services which saw Anonymous Sudan claiming responsibility. The attack was on Kenya’s eCitizen portal that provides access to 5000 government services. This impacted passport applications and renewals, e-visas for non-citizens visiting Kenya, driving licenses, ID Cards and health records from being issued.

Another local attack included 19 companies in Kenya being hit by the WannaCry virus attack that affected more than 300,000 users in about 300 countries according to (Kamau, 2017). This was announced by Communications Authority of Kenya stating that local firms reported attacks on their IT infrastructure.

An international CyberSecurity attack included Twitter User Data getting leaked. Data belonging to more than 200 million Twitter users got leaked according to (Trojanović, Data Of More Than 200 Million Twitter Users Is Leaked, 2022)

Deezer user data getting stolen according to (Trojanović, Data Of 228 Million Deezer Users Stolen, 2022)

Kubernetes Clusters Hacked according to (Georgieva, 2022)

# References

Georgieva, E. (2022, January 13). *Kubernetes Clusters Hacked: What You Need To Know*. Retrieved from Purplesec: https://purplesec.us/security-insights/kubernetes-clusters-hacked/

Imperva. (n.d.). *Cyber Security Threats | Types & Sources | Imperva*. Retrieved from Imperva: https://www.imperva.com/learn/application-security/cyber-security-threats/

Kamau, M. (2017). *19 Kenyan firms hit by costly ransomware cyber attack*. Retrieved from Standard Media: https://www.standardmedia.co.ke/business/article/2001240392/19-kenyan-firms-hit-by-costly-ransomware-cyber-attack

RiskOptics. (2023, July 24). *What are Cybersecurity Threats? - RiskOptics*. Retrieved from RiskOptics: https://reciprocity.com/resources/what-are-cybersecurity-threats/

Trojanović, D. (2022, January 16). *Data Of 228 Million Deezer Users Stolen*. Retrieved from Purplesec: https://purplesec.us/security-insights/deezer-data-leak-228-million-users/

Trojanović, D. (2022, January 16). *Data Of More Than 200 Million Twitter Users Is Leaked*. Retrieved from Purplesec: https://purplesec.us/security-insights/twitter-data-leak-200-million-users/