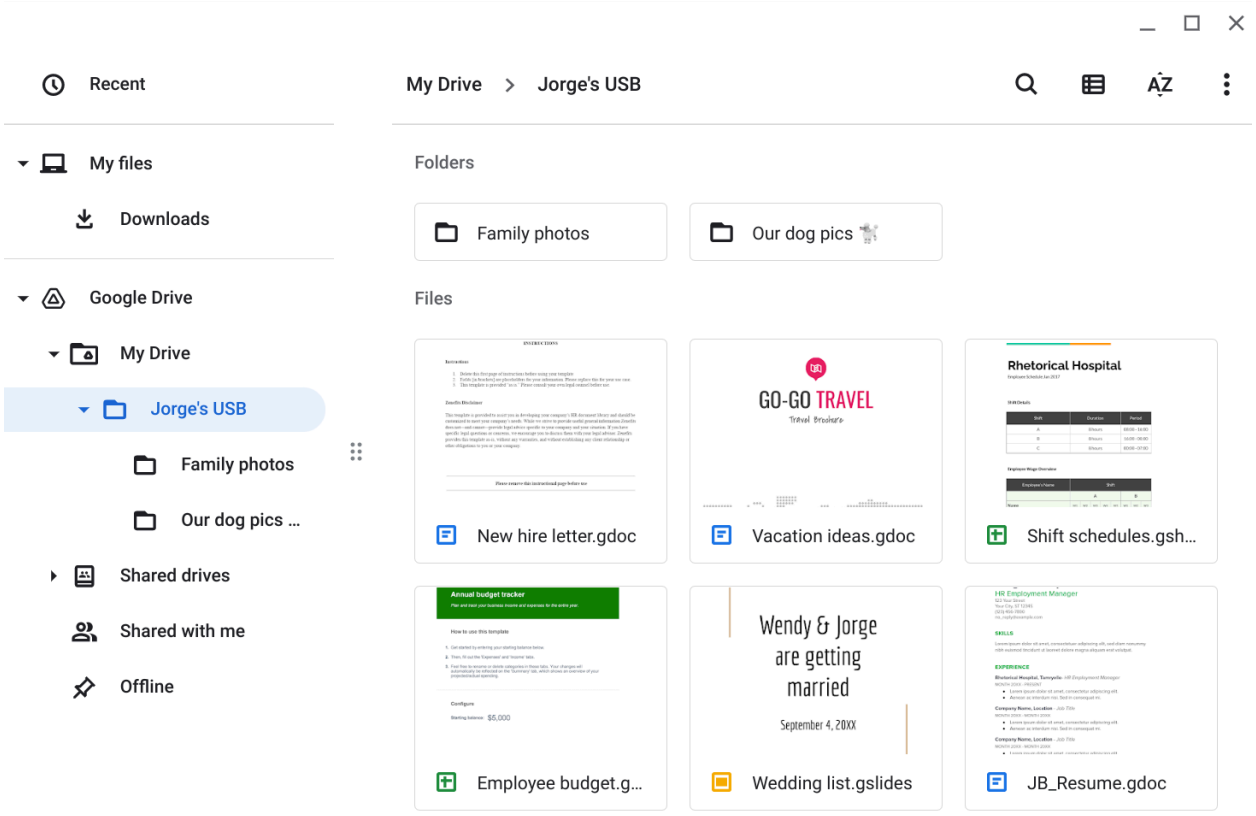
Scenario

13th March 2025

You are part of the security team at Rhetorical Hospital and arrive to work one morning. On the ground of the parking lot, you find a USB stick with the hospital's logo printed on it. There's no one else around who might have dropped it, so you decide to pick it up out of curiosity.

You bring the USB drive back to your office where the team has virtualization software installed on a workstation. Virtualization software can be used for this very purpose because it's one of the only ways to safely investigate an unfamiliar USB stick. The software works by running a simulated instance of the computer on the same workstation. This simulation isn't connected to other files or networks, so the USB drive can't affect other systems if it happens to be infected with malicious software.

You create a virtual environment and plug the USB drive into the workstation. The contents of the device appear to belong to Jorge Bailey, the human resource manager at Rhetorical Hospital.



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Parking lot USB exercise

Contents	*The files on the USB drive appear to belong to Jorge. The drive contains personal files about Jorge's family and work files which contain intel about the hospital's operations.*
Attacker mindset	*The intel found on the drive can be used against Jorge since it contains PII; attackers can impersonate the organization and conduct phishing or BEC attacks to gain sensitive data.*
Risk analysis	*Data in all states should be kept secure. Always, data at rest should be encrypted, this prevents leakage of sensitive information in case of a stolen or missing drive. Additionally, another line of defense can be educating employees on these types of attacks to reduce specific risks.*

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