Parking lot USB exercise

Review the following scenario. Then complete the step-by-step instructions.

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.

Jorge's drive contains a mix of personal and work-related files. For example, it contains folders that appear to store family and pet photos. There is also a new hire letter and an employee shift schedule.

Contents	In the USB we found some sensitive information about Jorge, like family's photos and a new hire letter. These files are important to not share them because contains a lot Jorge's PII and these ones can be used by hackers to target the data owner or some of his family.
Attacker mindset	Jorge or someone else from the organization could have plugged the suspicious USB into a PC and allowed an unknown user to gain access to the organization thanks to a backdoor. In this case Jorge or other employees could be fired in the future thanks to the analysis of the security team.

Risk analysis	These devices could easily contain different type of malware, keylogger, trojan, virus, ransomware, etc. If another employee would have found the USB, he/she could easily plug it into an workstation to check what's inside without taking any security measure. An threat actor could find some PII information about someone that he/she can use to attack the organization or the person himself.