VirusTotal, a subsidiary of Google, is a free online service that analyzes files and URLs in order t identify potential malware. VirusTotal scans and detects any type of binary content, including a windows executable program. Androids, PDFs and images. VirusTotal is designed to provide a “second option” on a file or URL that may have been flagged or suspicious by other Anti-Virus software. In the exercise, students will learn to use VirusTotal to scan a file and a URl.