

# TRYHACKME - OHSINT ROOM

Here is a step-by-step breakdown of how I tackled the OhSINT room on TryHackMe:

1. Initial Assessment: Upon entering the OhSINT room, I carefully read through the instructions to understand the objectives and scope of the challenge. It was clear that I needed to leverage OSINT techniques to extract information from a provided JPG image.

2. Downloading the Image: I promptly downloaded the image provided within the challenge and saved it for analysis.

3. Understanding Metadata: Recognising the importance of metadata in digital files, especially images, I began by inspecting the image's metadata using both standard operating system tools and specialised utilities like ExifTool. This provided some preliminary information but didn't reveal the full picture.

4. Deeper Dive with ExifTool: To extract more comprehensive metadata, I utilised ExifTool, a versatile command-line tool. With ExifTool, I extracted detailed information such as timestamps, camera settings, and even the copyright holder, which turned out to be the username "OWoodflint".

5. Google Dorking and Social Media Analysis: Armed with the username "OWoodflint", I conducted a thorough search using google dorking techniques. This led me to discover associated social media profiles, including a twitter account. By analysing the twitter profile, I uncovered valuable insights such as the user's avatar being a cat, which correlated with one of the challenge questions.

6. Geolocation Analysis: Utilizing [WiGLE.net](https://WiGLE.net), I investigated the BSSID associated with "OWoodflint" to determine their location. This revealed that the user was located in London, answering another challenge question. Additionally, [WiGLE.net](https://WiGLE.net) provided information about the user's WiFi SSID, "UnileverWiFi".

7. Further Investigation: I expanded my search to other online platforms associated with "OWoodflint," including GitHub and a personal blog. In the GitHub repository, I discovered the user's email address within the [README.md](#) file, providing further insights into their online presence.

8. Locating Additional Information: By exploring the user's blog, I found a post detailing their holiday experience in New York, which addressed another challenge requirement.

9. Password Discovery: The final challenge involved finding the user's password. After meticulous examination, I inspected the source code of the blog page, where I uncovered the password hidden within the HTML code.

10. Reflection and Conclusion: Completing the OhSINT room was not only a test of technical skills

but also a lesson in patience and perseverance. It showcased the power of OSINT techniques in gathering information from various online sources.

