5 Adv Spatial Viz P2

File Path Activity
S1 – Insider, Absolute

read("C:\Users\Sam\Documents\small-proj\data\in-data.txt")

Yousef
- Chance: 0%
- Why? Path points to Sam's personal computer, not Yousef's
- Fix: Use a relative path like read("data/in-data.txt")

Sydney
- Chance: 0%
- Why? Wrong user folder and wrong operating system (Mac uses /, not C:\)
- Fix: Same fix, use a relative path

S2 – Insider, Relative

read(".\..\data\in-data.txt")

Yousef
- Chance: Medium to Low
- Why? It's relative, but it incorrectly climbs up a folder
- Fix: Correct relative path read("../data/in-data.txt") or simply read("data/in-data.txt") if running from project root

Sydney
- Chance: Medium to Low
- Why? Same reason — relative path structure is incorrect. OS doesn't matter here because relative paths are OS-agnostic
- Fix: Same as above

S3 – Outside, Absolute

read("C:\Users\Sam\Documents\out-data.txt")

Yousef
- Chance: 0%

- Why? File path references Sam's computer, not Yousef's; also the file out-data.txt wasn't shared on GitHub
- Fix: Cannot fix unless Sam puts out-data.txt inside the project and uses a relative path

Sydney
- Chance: 0%
- Why? Wrong user, wrong OS, and file not in repo
- Fix: Same fix — file must be added to the project and referenced relatively

S4 – Outside, Relative

read(".\..\..\..\out-data.txt")

Yousef
- Chance: 0%
- Why? Even though it's relative, it tries to go outside the project to reach a file that does not exist in the GitHub repo
- Fix: Add the file to the project folder and use a correct relative path

Sydney
- Chance: 0%
- Why? Same issue — relative path attempts to reach a file not included in the project
- Fix: Same solution

S5 – Web, Absolute

read("www.hash.com/web-data.txt")

Yousef
- Chance: 100% (Assuming the link works)
- Why? Web URLs are the same across computers; OS doesn't matter
- Fix: None needed unless the URL is broken

Sydney
- Chance: 100%
- Why? Same — web paths are universal
- Fix: None