Module 14 Journal Entry: Watch this video and think about how the career of digital forensics investigators relate to the social sciences. Write a journal entry describing what you think about the speaker’s pathway to his career.

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In the video the speaker talks about how most people within digital forensics, at least during their time, didn’t actually go to school with that career in mind, and most are either pushed into it or fall into it. This is largely because the people working in digital forensics need to have a variety of backgrounds as the job can have a wide range and require different skill sets to solve each problem with the different industries they come from.

Social cybersecurity research has become an essential resource within security fields, it has become critical to help “characterize, understand, and forecast cyber-mediated changes in human behavior” and how these changes effect different aspects of societal living and how legislation is shaped around it (Carley, 2020). It has proven effective for assessing impact of different objectives by identifying causes and relationships and measuring effectiveness of counters (Carley, 2020). Within this career path there is research conducted through compiling data, analyzing, and reporting finding, while many associations can be drawn, it is not uncommon for scientist to miss social factors that may influence strength of association, such as certain areas being a hotspot for cybercrime, is it because citizens within the area are all hackers, or is this a common area where VPN companies set up, or is office space cost effective and the area has a culture of not using official contracts; these are things that a normal security analyst would not usually study but there may be sociology data and reports on the culture and demographics of the area. Psychology is another social science that is becoming ever more integrated into digital forensics. It has proved useful in profiling cyber attackers by categorizing them based on types of attacks, possible motivations, typologies, and resources used within the attack (Johns, 2021) this helps with both criminal investigation and businesses can use that data to set up defense measures against the demographics that are most likely to attack them. There has also been uses when analyzing public data such as social media profiles of potential suspects, seeing behaviors and community connections that might make them more of a subject of interest (Johns, 2021). Outside of this, a lot of social science data can help administrators more easily explain to stakeholders what outcomes they are trying to achieve backed by data, being able to have tangible results of work progress with narrowing of top suspects shows progress to companies being assisted.

**References**

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Johns, R. (2021, August 24). *The Role of Psychology in Digital Forensics*. Paraben Corporation. <https://paraben.com/the-role-of-psychology-in-digital-forensics/>