

Owin Ifill

Professor Diwakar Yalpi

Cybersecurity Social Science

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### Week 2 Journal Entry

The principles of science, including observation, experimentation, and analysis, are not just important but essential in cybersecurity. Just as scientist use data to conduct a hypotheses and test solutions cybersecurity professionals, analyze network traffic, investigating things that stand out, and test systems for vulnerabilities. The scientific method fosters a mind of continual learning and adaptation which is much needed in the world of cybersecurity and responding to the evolving cyber threats. Like science, cybersecurity relies on evidence-based decision making, problem solving, and a rigorous amount of testing to develop stronger and more secure networks. In both fields, results are measured and refined, contribution to improve understanding and defense against cyberattacks. There is a reason why the cybersecurity degree is in the department of science.