

Principles of Science and its relationship with Cybersecurity

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Introduction


Science is the backbone of the world. It relates to everything in every shape and form. It holds the same value for the nature of Cybersecurity. Cybersecurity is a science based field to begin with. It has aspects of science in both technical, mechanical, and mental ways. This journal will help better represent that.

Science and Cybersecurity in a Technical Form

Technology is evolving on a daily basis. It started in the 1980s when commercial computers started becoming affordable for the common family. Science was the sole reason for this new technology. Computers were also evolving quickly, becoming smaller, more powerful, and faster exponentially quick. This boom led to the initial need of the cybersecurity field.

Science and Cybersecurity in the Mental Aspect

Cybersecurity has as much to do with people as it does computers. The sole reason for this field is to keep our technology safe from outside intruders. One of the social science influences, for example, is determinism. Determinism is a cause and effect principle, stating that people may hack due to preceding events. This holds true in some



cases. It may be an angry ex-employee trying to get back at his company, or an ex-friend seeking retaliation for the past. Whatever it is, it is a motivator for some people to commit digital crimes. We can use these certain principles of science to try and understand *why* people hack. Once we understand this, we can better upgrade our defense against digital and physical threats in the cybersecurity world.