

Science is a central part of Cybersecurity. Nearly every Cybersecurity professional uses the most basic scientific principles of observing a problem and experimenting to find the solution. In turn this leads to hypothesis testing. Science also has a lot to do with experimentation and adaptation, for instance we used to think the Earth was flat but now we know it is round. The same principle applies to Cybersecurity. The field is ever changing and thus allows for cyber professionals to adapt to the new technology and protocols as time goes on. Science is used in Cybersecurity to address challenges. Science and Cyber go hand in hand with all of the testing, documenting, and consideration of ethical implementations it is clear that Cybersecurity would not exist or be nearly as efficient without scientific principles.