Problem
• Researchers left to fend for their own cybersecurity options, often leading to poor choices out of ignorance or neglect or unforeseen costs
• Purdue loses opportunities for research as a result

Solution
• Create a framework that guides researchers in the safe practices of managing their research data, covering all possible data types

Methods
• Analyzing the many data types researchers use such as HIPAA, FERPA, NIST 800-171 and NIST 800-53 CUI, etc
• Constructing a Framework that includes the restrictions and compliance for all of the data types under one Framework
• Designing the process for implementing this throughout the different regulatory offices

Results
• Better practices, leading to meeting compliance for the needed data types
• Reduces risk of data breaches and compliance violations
• Leads to creating an environment where Purdue gains additional research opportunities, they were not previously capable of.
• This is a common problem among other universities as well, so the goal is to build the framework such that it can be applied at any university

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