**Outline of Thesis Chapter 2**

**A. Background (Problem Space)**

* **Lack of datasets for cybersecurity purposes (IDS training)**
* **Current methods (emulation/simulation)**
* **Hybrid methods (emulation/simulation) w/machine learning**

**B. Literature Review (Solution Space)**

**State of Practice**

* **Generative Methods**

* **GANs & Improvements**
* **Non-GAN**
* **Similarity Evaluation Metrics**

(Need to look into this more)

**State of the Art**

* **Best similarity evaluation metrics being used**

(Need to do more research on this)