Data as a Resource

- **File handles**
- **Communication channels (session typing)**
- **Secure data**
- **Memory usage**
- **Time complexity**
- **Ordered data**
- **.....**

> **Misusing data can lead to various bugs.**

Intuitionistic Linear Logic

Supports the following data-usage constraints:

- **Linear usage (one)**
- **Affine usage (one or none)**
- **Non-linear usage (tons)**