Machine Unlearning

- **Forgetting Systems**
  - Making systems forget training data for privacy (confidential data) and security (polluted data)

- **Novel Technology**
  - Machine unlearning
  - Converting learning systems to statistical query (SQ) learning

![Diagram showing machine learning models and transformations](image-url)
Causal Unlearning

- Dramatically reduces manual effort to only 3% of training data
- Robust against 95 variations of injection and mislabeling attacks
- Accurate: Identifies >98% of polluted samples
- Effective: restores polluted learning model to within 1% of original classification accuracy