**Motivation**
- Emergence of social networks of various types where users want to share data yet retain control
- Large amounts of user data are held behind the vaults of large corporations due to legal requirements
- Researchers need access to these datasets to study user patterns and other trends

**Problem Statement**
Build a data sharing framework for scientific research while guaranteeing and enforcing user privacy preferences

**Proposed Solution**
A policy based infrastructure which
- Allows users to specify who can access data and its acceptable use
- Introduces additional access modes to control the amount of information that is released by exploiting emerging privacy preserving data analysis techniques

**Implementation and Evaluation**
- Prototype implemented using SecPAL
- Create new verbs from purpose and access mode
- Modified census dataset from UCI
  - manually generated ID and salary
- Abstract access on age returns age group, viz. 30-40
- Statistical access implemented using differential privacy