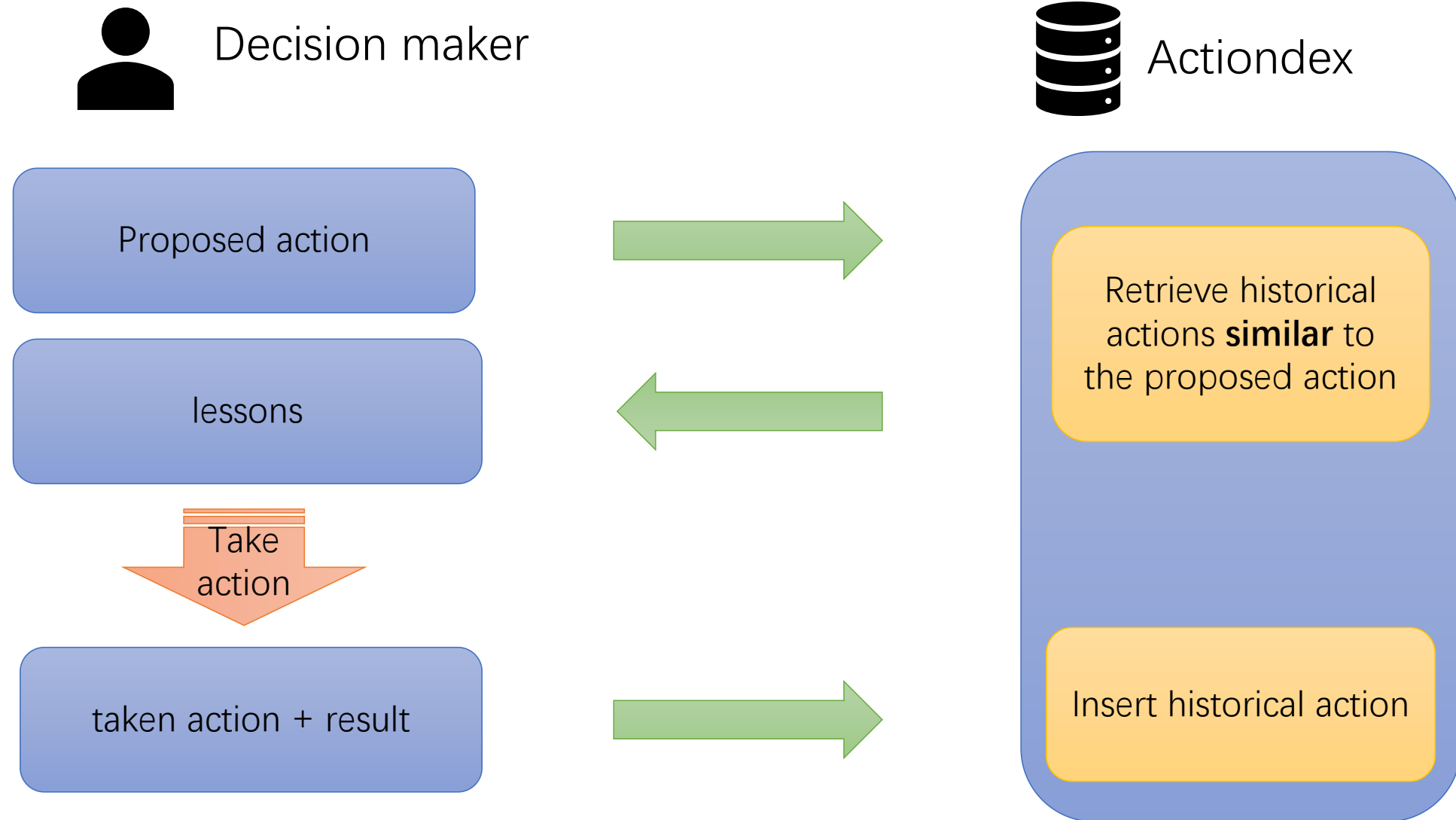# Actiondex

A database system to reference past actions
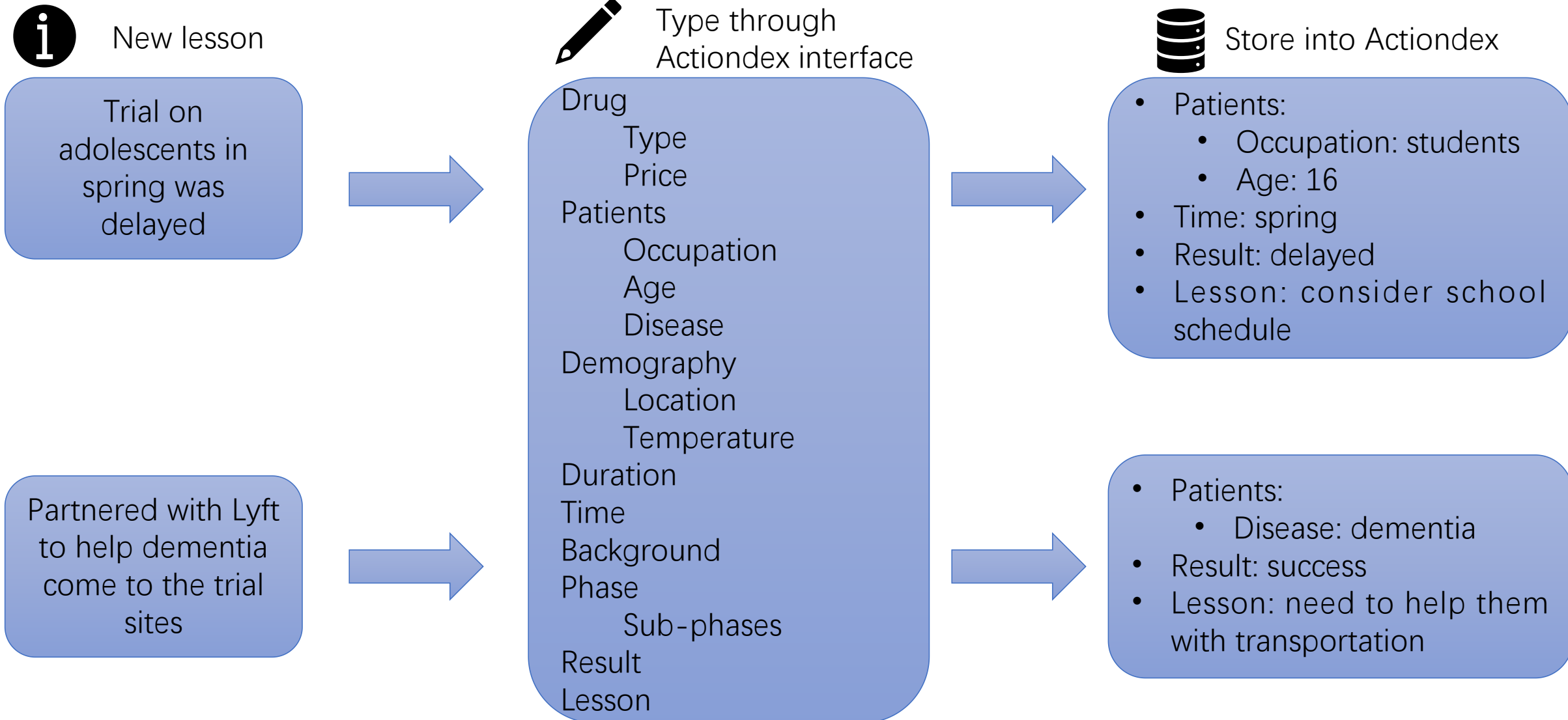
Overview

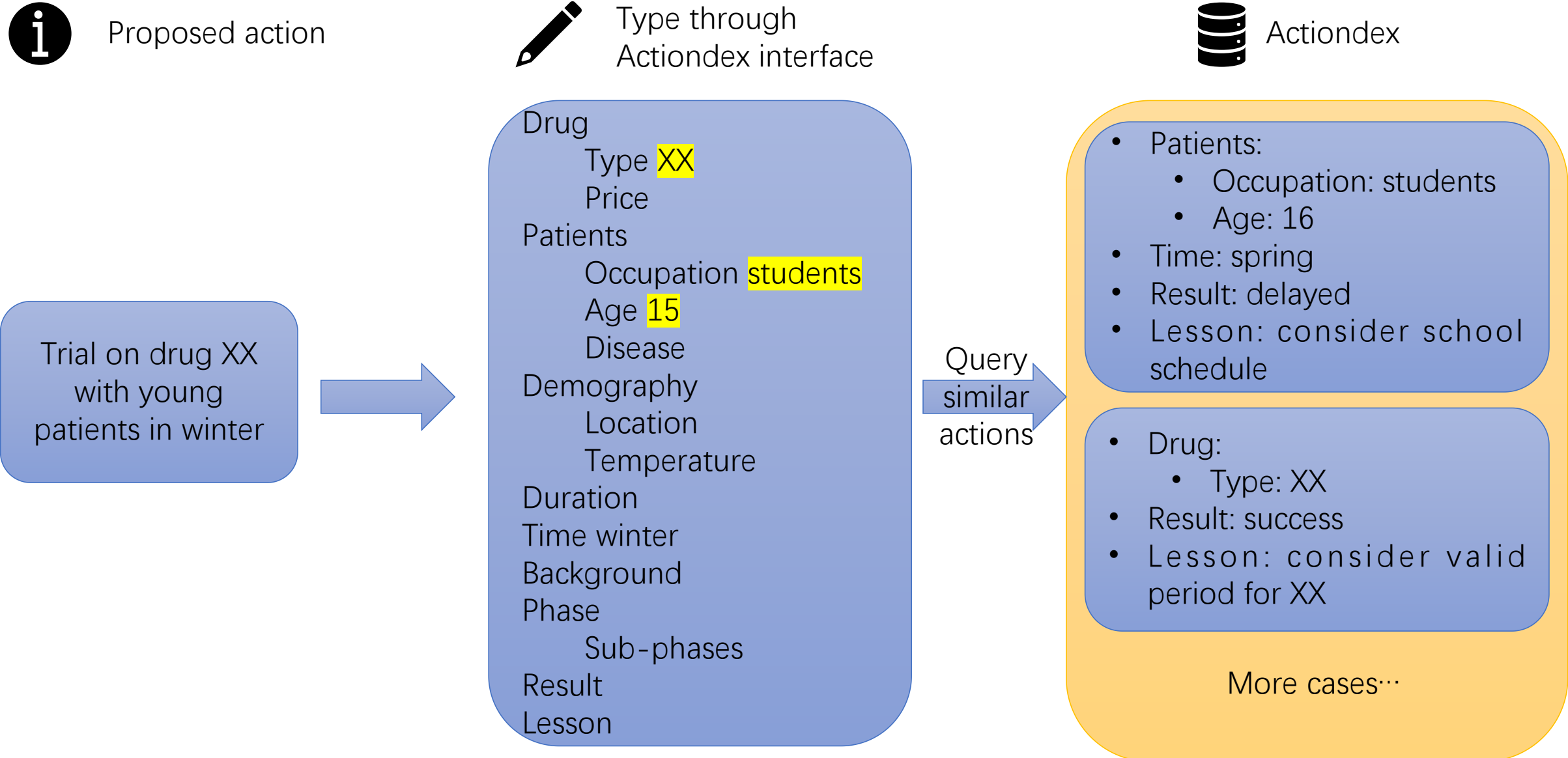# Define **similar action**?
Break down a clinical trial procedure

New lesson

Trial on adolescents in spring was delayed

→

Type through Actiondex interface

Drug
    Type
    Price
Patients
    Occupation
    Age
    Disease
Demography
    Location
    Temperature
Duration
Time
Background
Phase
    Sub-phases
Result
Lesson

Store into Actiondex

- Patients:
  - Occupation: students
  - Age: 16
- Time: spring
- Result: delayed
- Lesson: consider school schedule

Partnered with Lyft to help dementia come to the trial sites

→

- Patients:
  - Disease: dementia
- Result: success
- Lesson: need to help them with transportation

Next time we conduct a clinical trial…
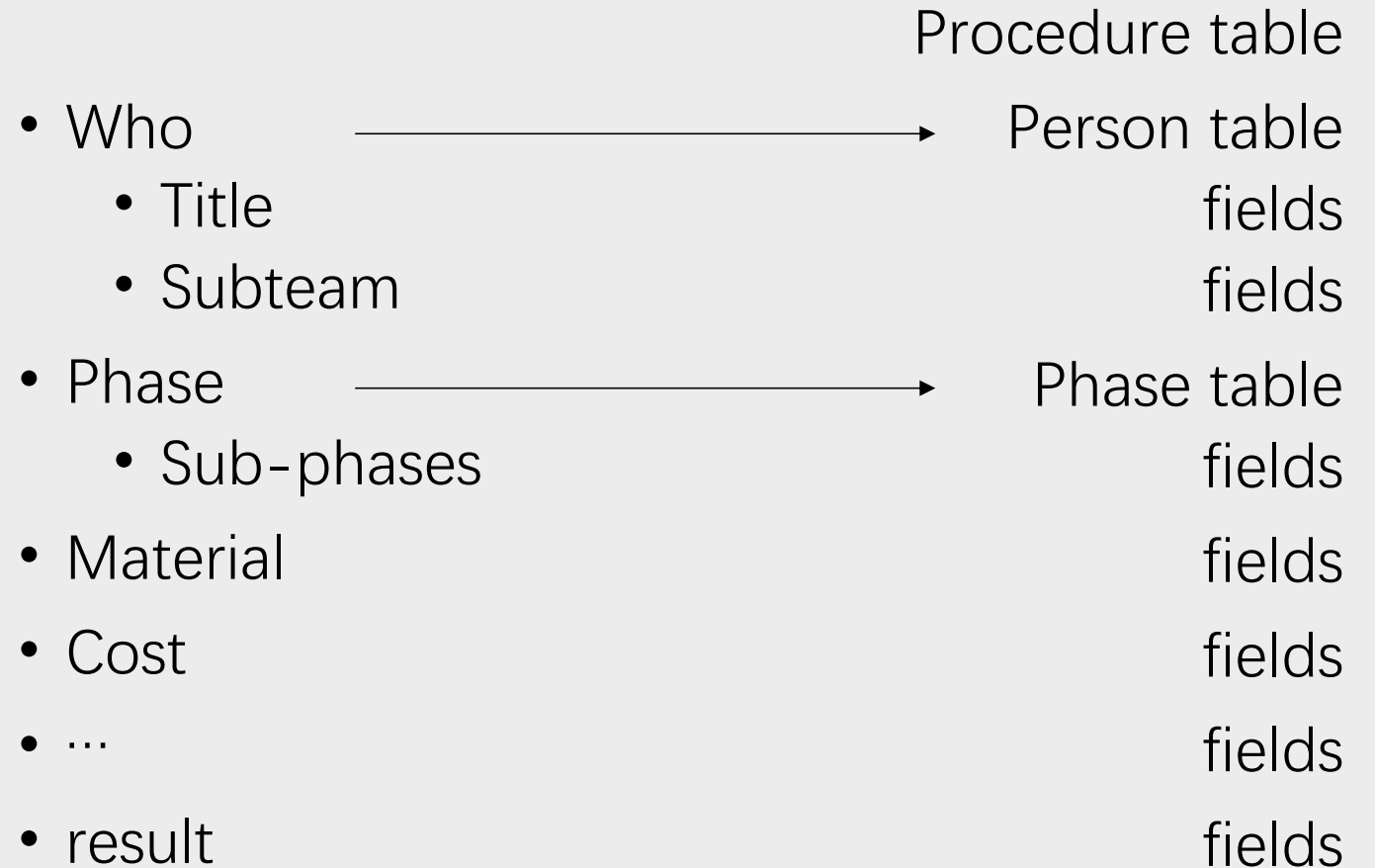
Want it fancier? Siamese Recurrent Architectures

- #text-similarity @ github
- Siamese neural network is a class of neural network architectures that contain two or more **identical** subnetworks.
- Siamese NNs are popular among tasks that involve finding similarity or relationship between 2 comparable things