

# Datalog atoms

**Constants**  $C = \{alice, bob, carol, dave, eve, frank, gwen\}$

**Variables**  $V = \{X, Y, Z\}$

**Predicates**  $P = \{parent(\_, \_), anc(\_, \_)\}$

## Ground atoms

Only constants

$G_{P,C} = \{parent(alice, alice), anc(alice, bob), \dots\}$

## Atoms

$A_{P,C,V} = \{parent(X, X), anc(alice, X), \dots\}$

May contain  
variables