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**Assumptions:**

A given fire event can be started by at most one other fire event

Not everywhere in an LGA is part of a property

Not everywhere in a property is part of a building

Properties can only be part of one LGA

All properties must have an owner

For any given building and fire event, damage is assessed by only one assessor

For any given building and fire event, damage may be recorded before an assessor is assigned to assess it

Owners, LGAs, assessors, and insurers provide only one contact phone number

The employment history of assessors is only relevant for insurance companies in the current system