

## Propinsurance normalisation

### UNF

PROPERTY(owner\_no, owner\_given\_name, owner\_family\_name, owner\_address, property\_no, property\_address, property\_value, property\_year\_built, property\_fully\_furnished, (insurer\_code, insurer\_name, insurer\_policy\_start\_date, insurer\_len\_of\_policy, insurer\_policy\_type\_code, insurer\_policy\_type\_desc))

### 1NF

PROPERTY(owner\_no, owner\_given\_name, owner\_family\_name, owner\_address, property\_no, property\_address, property\_value, property\_year\_built, property\_fully\_furnished)  
INSURANCE(property\_no, insurer\_policy\_start\_date, insurer\_policy\_type\_code, insurer\_code, insurer\_name, insurer\_len\_of\_policy, insurer\_policy\_type\_desc)

#### Partial Dependencies:

insurer\_policy\_type\_code -> insurer\_policy\_type\_desc

### 2NF

PROPERTY(owner\_no, owner\_given\_name, owner\_family\_name, owner\_address, property\_no, property\_address, property\_value, property\_year\_built, property\_fully\_furnished)  
INSURANCE(property\_no, insurer\_policy\_start\_date, insurer\_policy\_type\_code, insurer\_code, insurer\_name, insurer\_len\_of\_policy, insurer\_policy\_type\_desc)  
POLICY(insurer\_policy\_type\_code, insurer\_policy\_type\_desc)

#### Transitive dependencies:

insurer\_code -> insurer\_name

### 3NF

OWNER(owner\_no, owner\_given\_name, owner\_family\_name, owner\_address, property\_no)  
PROPERTY(property\_no, property\_address, property\_value, property\_year\_built, property\_fully\_furnished)  
INSURANCE(property\_no, insurer\_policy\_start\_date, insurer\_policy\_type\_code, insurer\_code, insurer\_len\_of\_policy, insurer\_policy\_type\_desc)  
POLICY(insurer\_policy\_type\_code, insurer\_policy\_type\_desc)  
INSURER(insurer\_code, insurer\_name)

#### Full Dependencies:

owner\_no -> owner\_given\_name, owner\_family\_name, owner\_address, property\_no

property\_no -> property\_address, property\_value, property\_year\_built, property\_fully\_furnished

insurer\_code -> insurer\_name

insurer\_policy\_type\_code -> insurer\_policy\_type\_desc