WASTE DATABASE

UNF

Waste_Record(year, state_id, category_id, fate_id, tonnes, contamination_rate, fate, category, state)

1NF

Waste_Record(year, state_id, category_id, fate_id, tonnes, contamination_rate, fate, category, state)

Partial Dependencies:
No Partial Dependencies

2NF

Waste_Record(year, state_id, category_id, fate_id, tonnes, contamination_rate, fate, category, state)

Transitive Dependencies:

State_id -> state;
Category_id -> category;
Fate_id -> fate;

3NF

STATE(state_id, state)
FATE(fate_id, fate)
WASTE_RECORD(year, state_id, category_id, fate_id, tonnes, contamination_rate)
CATEGORY(category_id, category)

Full Dependencies:

State_id -> state;
Category_id -> category;
Fate_id -> fate;
year, state_id, category_id, fate_id -> tonnes, contamination_rate