```
PREFIX recipe: <http:/example.com/food/recipe/>
PREFIX food: <http:/example.com/food/types/>

SELECT ?recipe
WHERE {
  ?recipe recipe:ingredient ?i .
  ?i recipe:type food:flour .
  ?i recipe:unit recipe:cups .
  ?i recipe:quantity ?q .
  FILTER (?q <= 2) }
```

Query

All recipes using ≤ 2 cups of flour

```
:find ?recipe
:where [?recipe :ingredient ?i]
       [?i :type :flour]
       [?i :unit :cups]
       [?i :quantity ?q]
       [(<= ?q 2)]
```

Query

- All recipes using ≤ 2 cups of flour

```
PREFIX recipe: <http:/example.com/food/recipe/>
PREFIX food: <http:/example.com/food/types/>

SELECT ?recipe
WHERE {
  ?recipe recipe:ingredient ?i .
  ?i recipe:type food:flour .
  ?i recipe:unit recipe:cups .
  ?i recipe:quantity ?q .
  FILTER (?q <= 2) }
```

Database Requirements

- Storage
- Finding Data from Patterns
- Join operations
- Filter operations
- Graph algorithms
  traversal, cluster analysis, etc.