

# Final Report

tom

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## **1 Introduction**

## **2 Requirements**

### **2.1 Must haves**

1. General
  - (a) Adding city names
  - (b) Grouping relations and “zooming” on these relations
2. Search Engine
  - (a) Filter results
  - (b) Data mining
3. Filtering
  - (a) Logic Filters
  - (b) Relations Filters
4. Machine Learning
  - (a) Types of relations
5. Visualization
  - (a) Statistics of relations? Query relations
  - (b) Strength of relations
  - (c) Types: ML CBS defined

### **2.2 Should haves**

1. General
  - (a) Pluggable datasets
2. Machine Learning
  - (a) Generalising relations, grouping relations

## **2.3 Could haves**

1. General
  - (a) International city names
2. Visualization
  - (a) Front end for the app

## **2.4 Would haves**