

Homefinder

An intelligent new home locator
CAI Caifang

OUTLINE

- Introduction (Objectif, state of the art & **Homefinder**)
- Methodology
- Demo results
- Conclusion, Discussion & perspectives

Introduction

WHEN DO YOU NEED **HOMEFINDER** ?

- New job at a new place
- Want to relocate family close to work
- Satisfied with current home location

Introduction

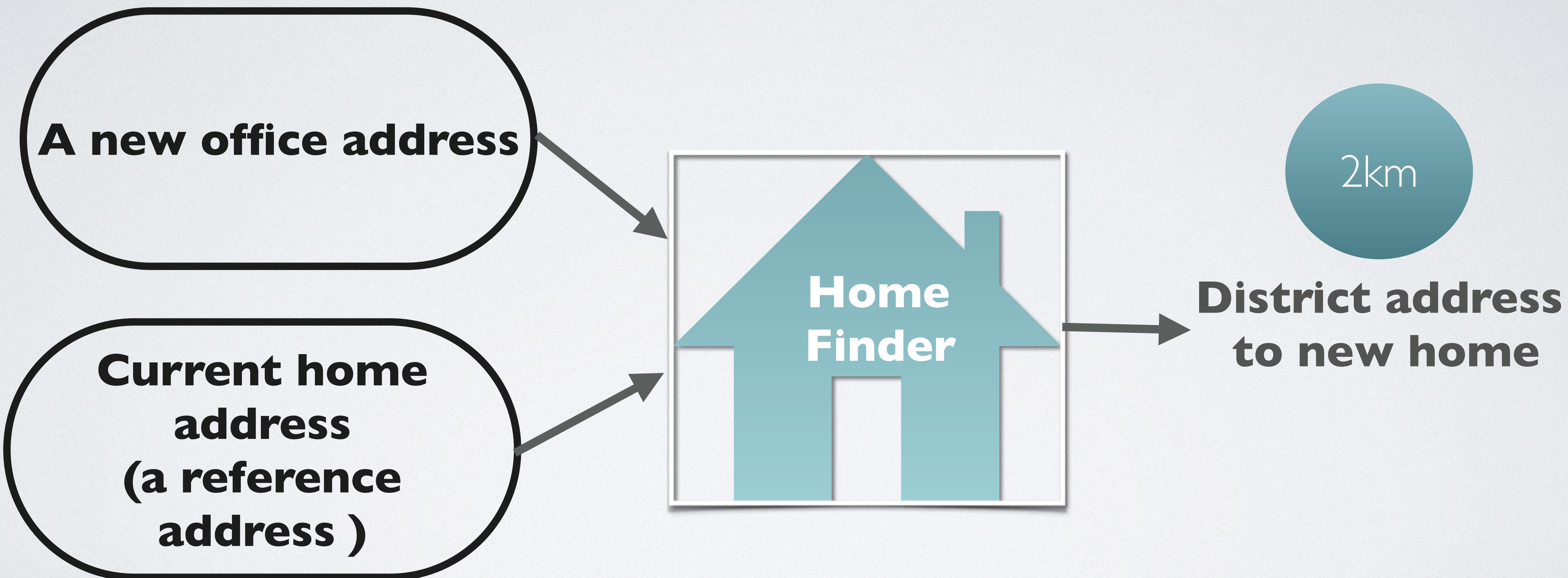
OLD SCHOOLS FOR HOME RELOCATE

- Social network. Ex. check with a friend who knows the area
 - **Unfamiliar with your criteria**
 - **Don't have all information**
- Internets
- **Which? How? Faux**

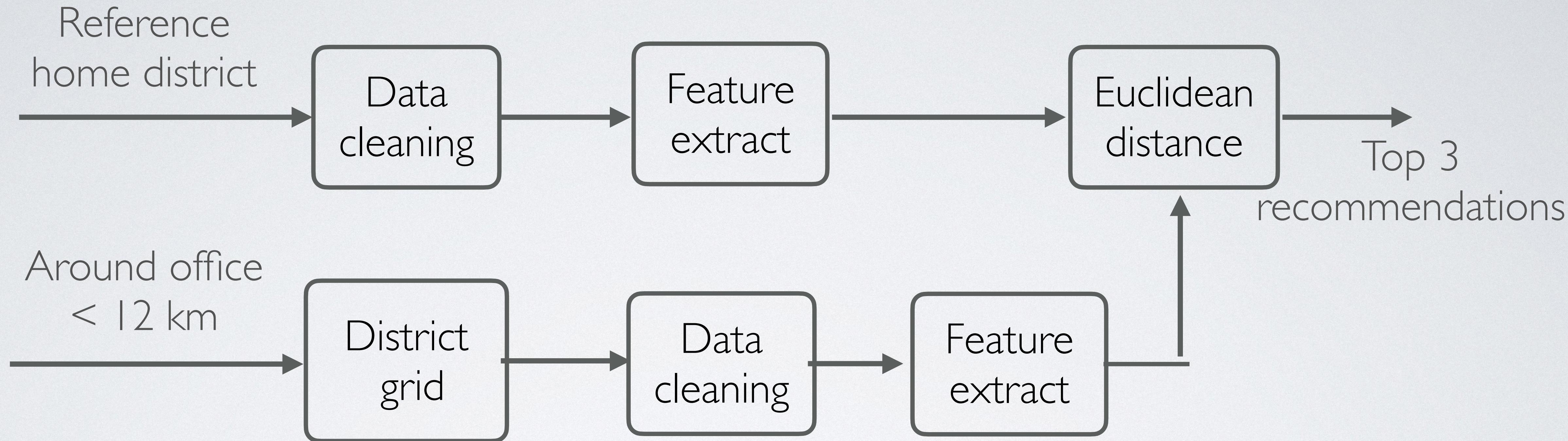


Introduction

CONDITIONS TO USE **HOMEFINDER**

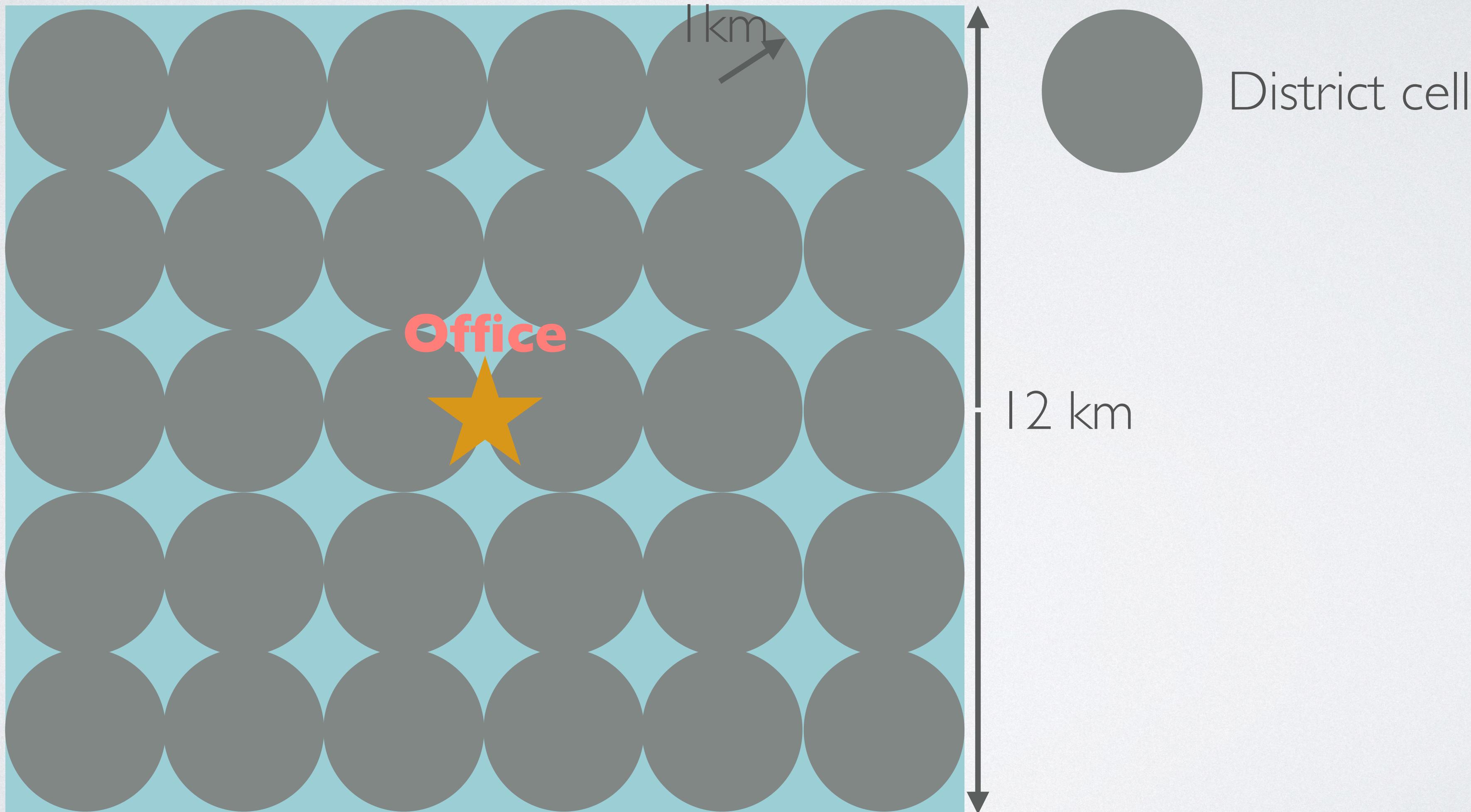


WORK FLOW



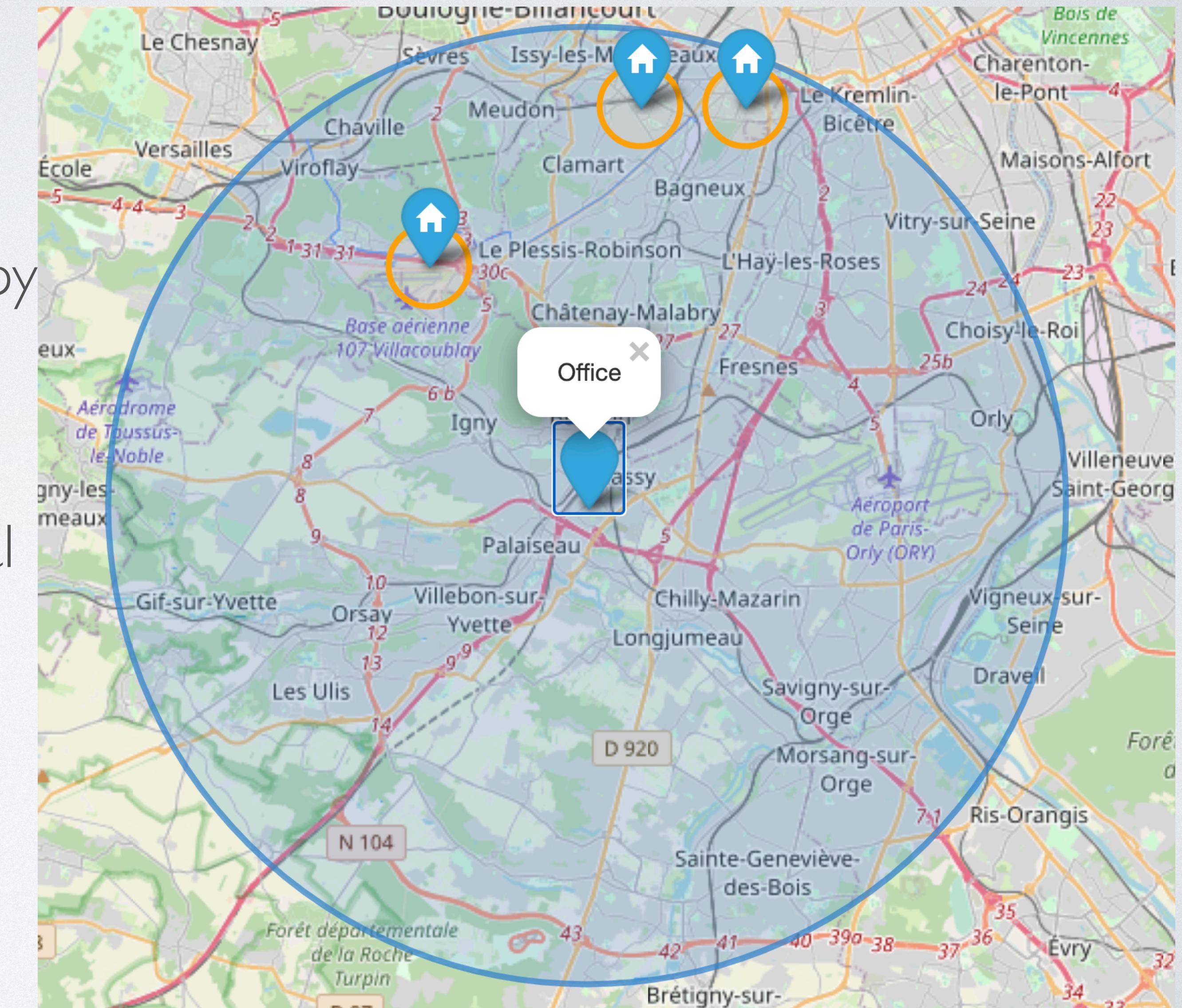
Work flow

DISTRICT GRID



RESULT

- Top 3 recommendations are given by home icons and orange circles for corresponding region
- Search region in circle only for visual view



DISCUSSION & PERSPECTIVES

- **No school, hospital and real estate are used our current homeFinder.** These informations are usually very important when we choose a place to relocate a family.
- **Can not deal with recommendations with identical or very close scores.** This is also the reason why we give the top three instead of top one. In future, this can be improved by introducing more customisable criteria.
- **No validation merits.** Cross validation with other methods
- **Must require a reference home address.**