

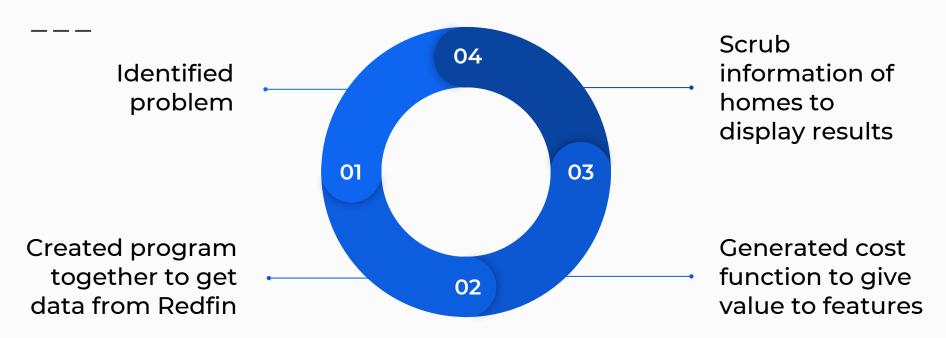
## :~\$ apt-get home

Mohit Gangwani

### Purpose

- Challenging finding the right home
- Overwhelming amount of Real Estate websites
- All Real Estate websites are almost identical
- Too many results and ads on every Real Estate website
- Missing information on lots of websites

#### **Process**



## Why is This Useful?





























































## There are Real Estate Agencies, Too!

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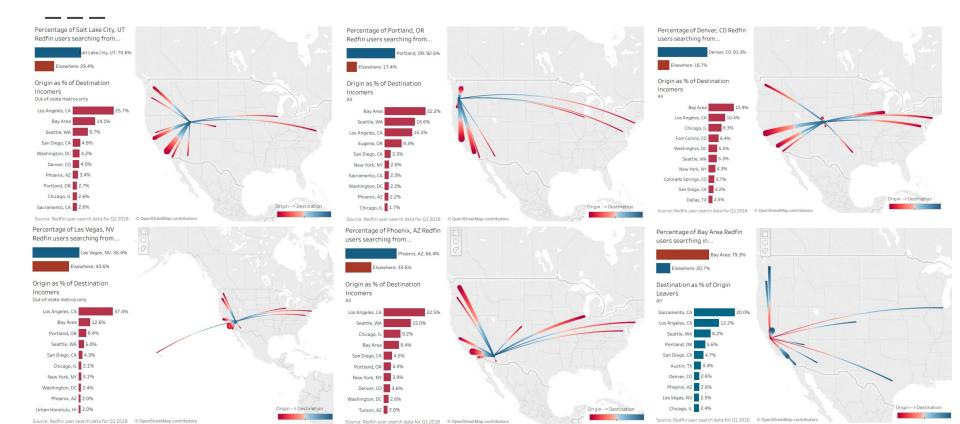








## People Are Moving



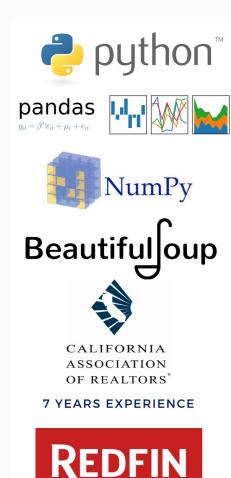
#### Solution

Apt Get Home

- User enters link for a home have seen in person and like a lot
- If the home is already in an escrow or about to close one
- The model takes features into account and understands users needs
- o Gives user only two results that would fit their needs the most
- Fewer results means easy decision making
- Users can't overlook due to too many results

#### Tools

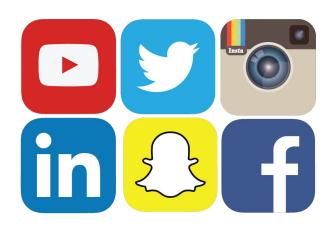
- \_\_\_\_
- Web Scraping:
  - Python
  - Redfin
  - BeautifulSoup
- Cleaning Data:
  - Python
  - Pandas
  - Numpy
- Cost Function:
  - Main Model
  - Seven years of experience
- Testing:
  - Home shoppers at open houses
  - REALTORS in my network



#### Future

- User Database
- Model to change value for each feature
- Latent Model for every user
- Home value and time to sell predictor
  - Similar to KBB for homes





## Any Questions?

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Data-is-Life

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