

Tagging system

Types tags:

Amenities

- “Amenities included” (based on your preferences)

Services

- “Nearby transport” - using category z score
- “Nearby gyms” - using z score
- “Emergency services” - using category z score
- “Parks” - using z score
- “Restaurants” - using z score
- “Cafes” - using z score
- “Night clubs” - using z score
- “Bars” - using z score
- “Banks” - using z score
- “Pharmacies” - using z score

Crime

- “Safe area” (based on crime data)

Amenity weights:

- Dishwasher
- Dryer
-

```
{'TrashCompactor': 2,
'Sauna': 2,
'Double Pane Windows': 3,
'Skylight(s)': 4,
'On Site Laundry Available': 8,
'Laundry Features: None': 14,
'Gas': 15,
'Laundry Features: Hookups': 20,
'Freezer': 24,
'Porch': 44,
'Stove': 50,
'Sewage': 61,
'Deck': 78,
'Water': 109,
'Playground': 112,
'Has Garbage Bin': 113,
'Window Coverings': 225,
'Oven': 228,
'Near Public Transit': 305,
'Patio': 572,
'Clubhouse': 612,
'Pool': 616,
'Gated': 627,
'Cable Available': 670,
'Laundry Features: Shared': 704,
'garbageDisposal': 745,
'Microwave': 893,
'Refrigerator': 1136,
'Dishwasher': 1229,
'Fitness Center': 1363,
'Laundry Features: In Unit': 1643,
'Dryer': 1657,
'Washer': 1671}
```

If else statement:

If (count < 3):

 If (crime z score >= 4):

 "Safe area"

 count+= 1

 Else if (user applied amenity weights and amenities score >= 20):

 "Amenities included"

 count+= 1

 Else if (**Pharmacies** > 3):

 "Pharmacies"

 count+= 1