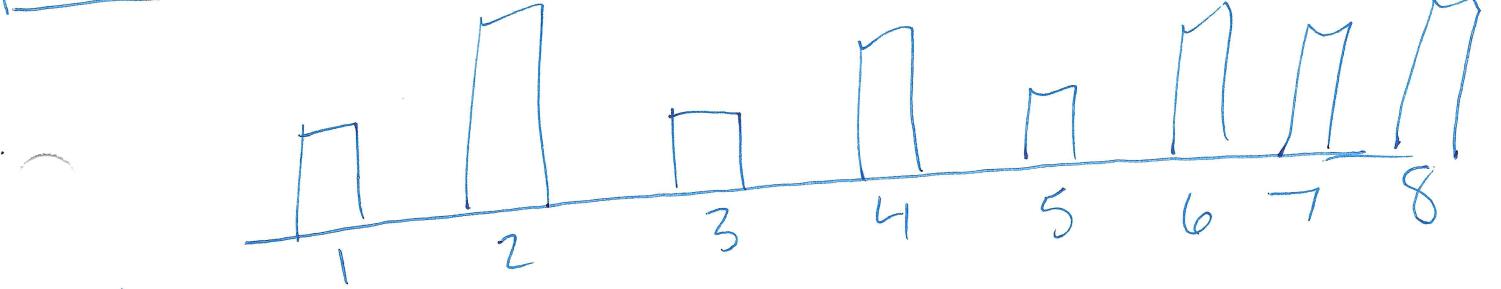


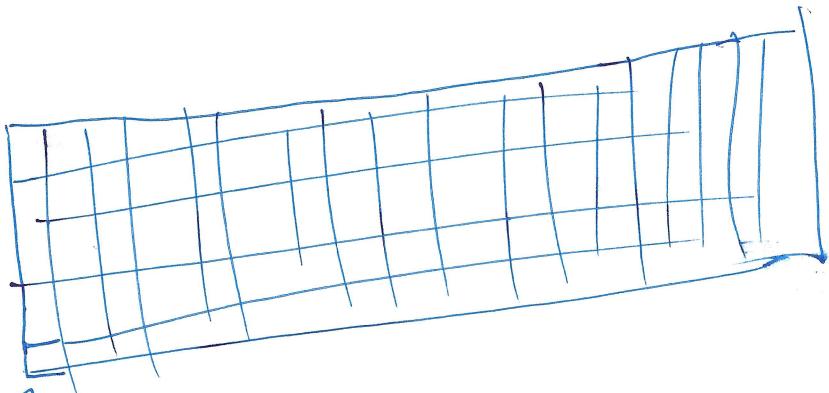
Best Value Evaluator



Affordable
housing
units

Ward

building shades
based on
of units

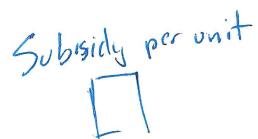


click:

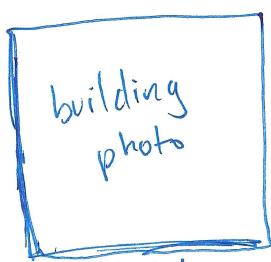


Medium
Rent in
Ward/neighborhood

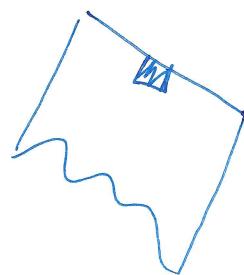
Rent
in
selected
building



Subsidy per unit



Built date:
Inspection score:



Walkability score: 73

Closest Transit:

Neighborhood School % School Train:

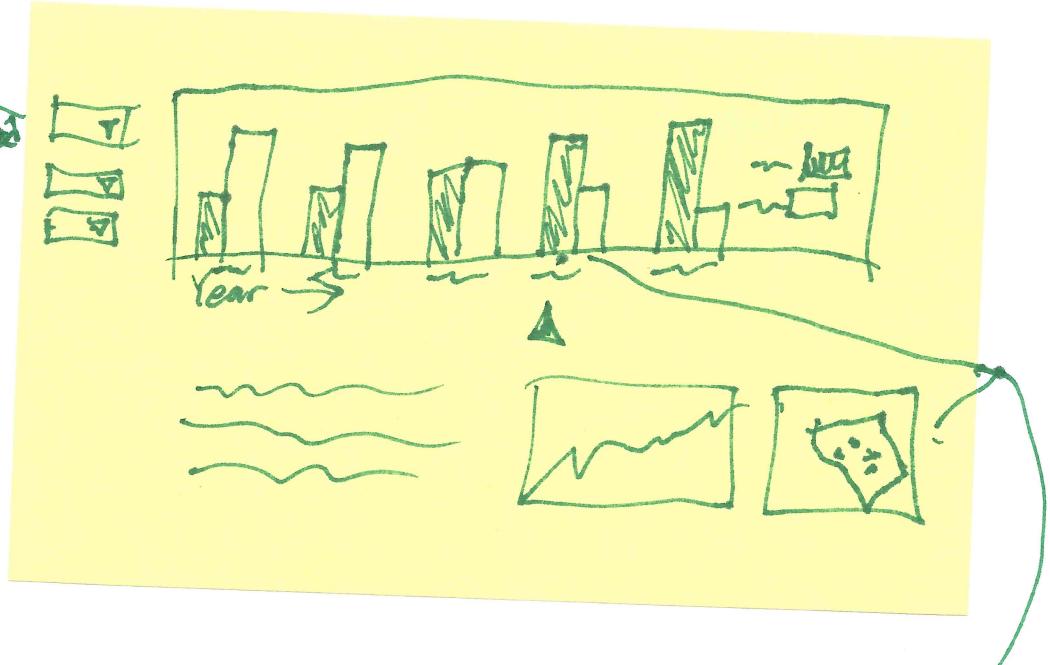
Value: # people / \$

vulnerable / \$

Policy Advocate - 5 year report

- add data types
- filter by ward/neighbourhood

Compares ~~amount~~ of affordable housing to other relevant data



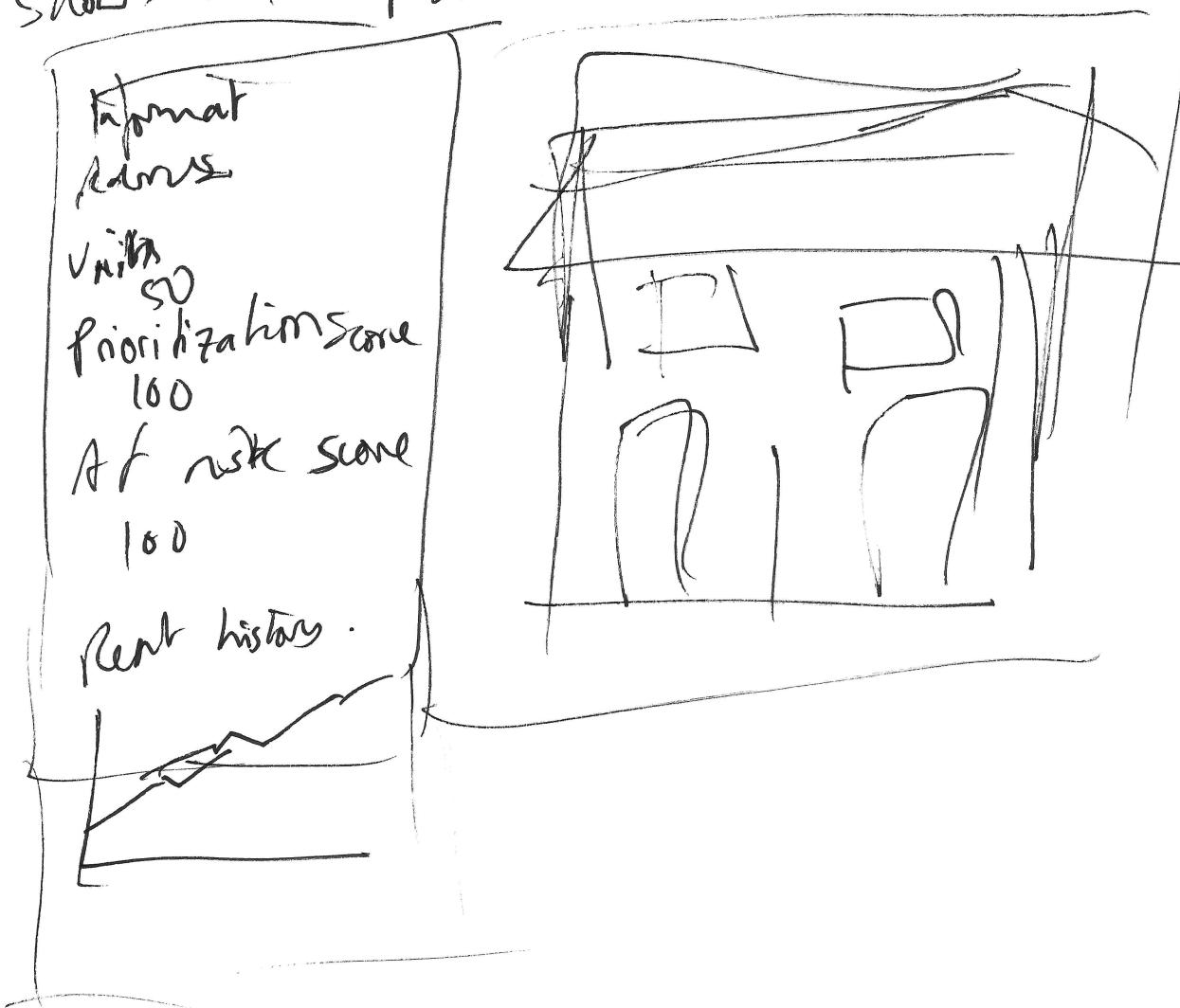
clicking on a year provides more detailed info below

P. 1
Scenario: Tenant Advocate. (2).
Progressively more detailed.



P.2

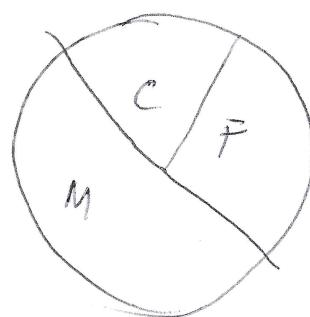
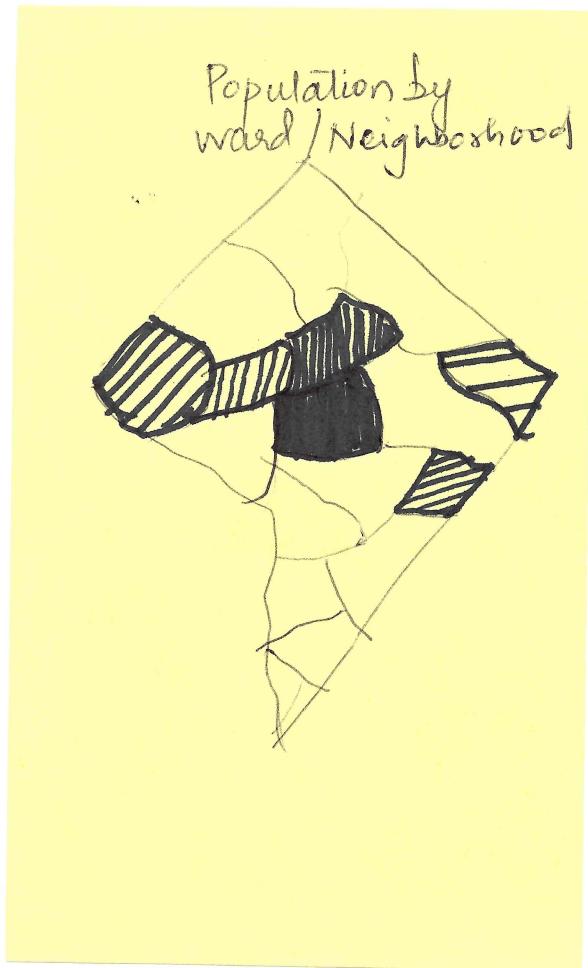
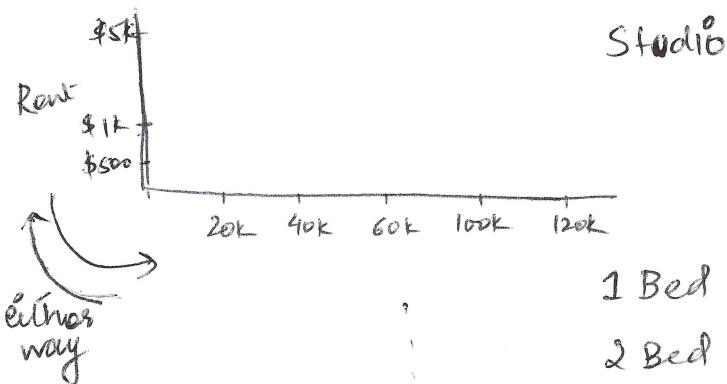
Shows details of building



ANNUAL HOUSEHOLD INCOME



YEAR NEIGHBORHOOD



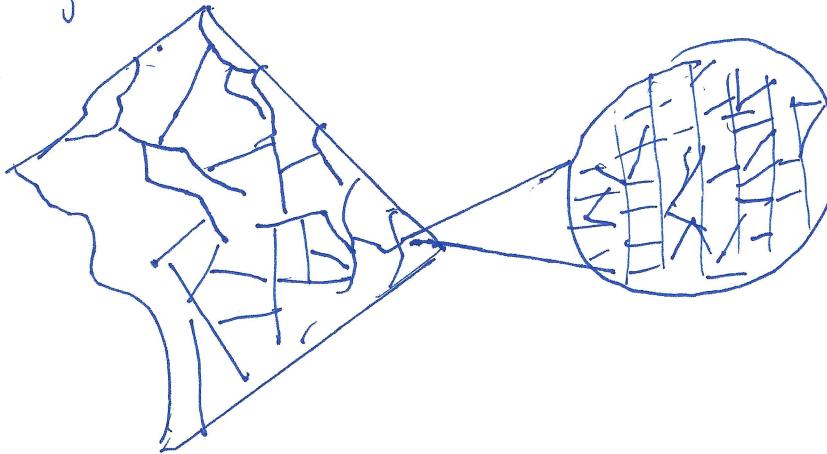
Population Div

Blabbing

Distance to Metro Visualization

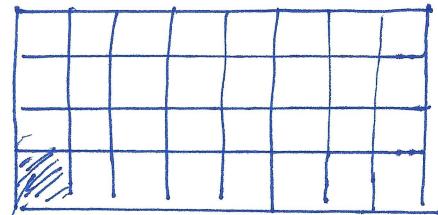
①

When you zoom into PC map, city is divided into clusters. Zooming further, you can see buildings.



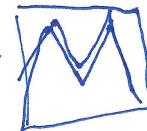
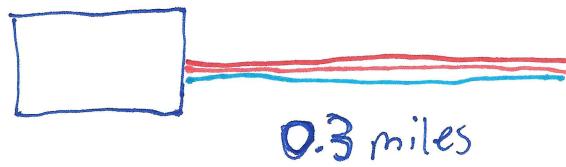
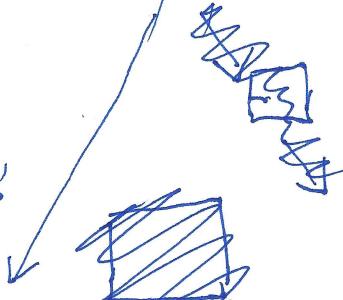
Block/neighborhood/ward view, can click on individual buildings from here.

Maybe buildings are represented by grid of blocks? Rearrange themselves into grid?



②

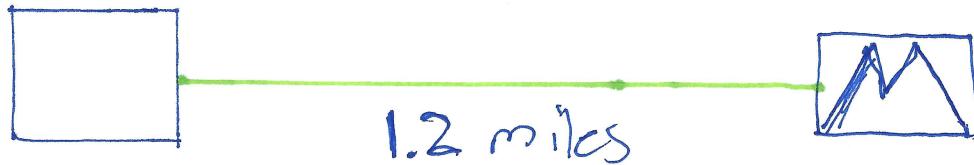
clicking on building block results in an animated transition where the block is pulled from the grid and isolated. A line connects it to the nearest metro station with the distance written underneath. Line is colored w/ line (or multiple) of metro.



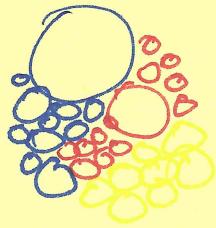
(Can use another metro symbol)

③

As building block gets shorn, another block/metro connection appears below - this one for ~~assessor~~ another building at a comparable price - demonstrating the potentially impact of displacement for current building residents



~~bubbles~~ bubbles

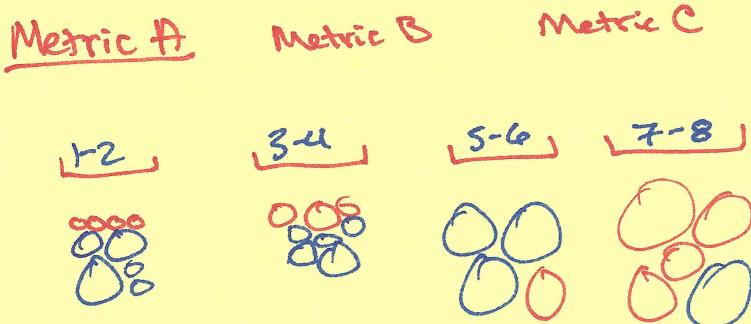


AT-A-GLANCE view
of how funds are
currently allocated OR
~~color could be ward~~
~~or building size~~

- Color could be ward
circle could be building
or neighbourhood



Drill into specifics of
each circle by selecting
it, to get some ~~extra~~ more
specific info



MODIFIED VERSION OF COREDATA-NYC

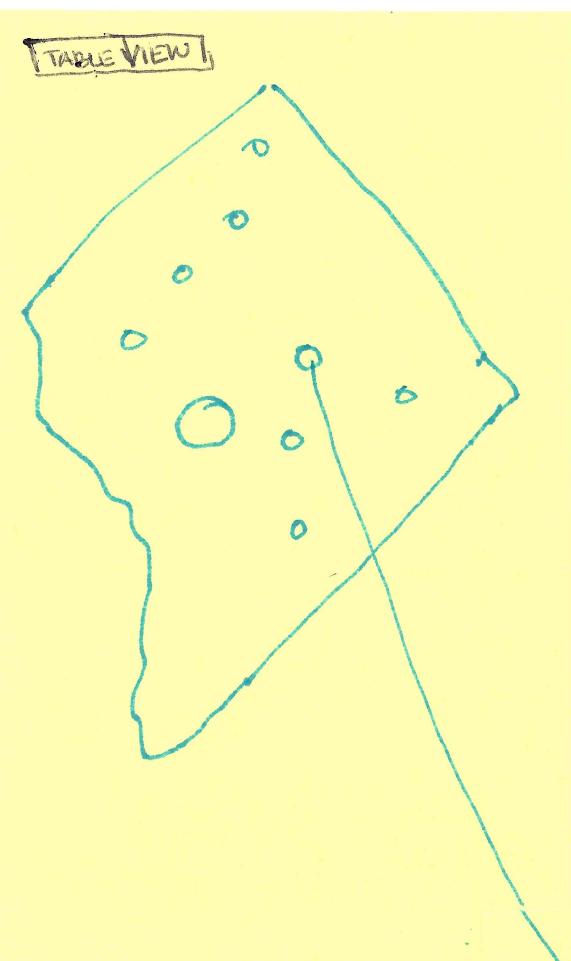
See
coredata.nyc

SUBSIDY
SUBSIDIZED
HOUSING
DATABASE

DEMOGRAPHICS

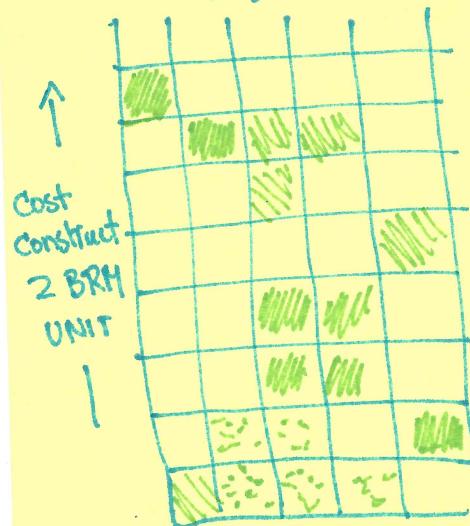
SEARCH [ADDRESS OR SSL]

HOUSING MARKET



User choices generate pre programmed graphs
(choices generate graphs - suggest analysis)

Heat map of risk index, block per building



number
subsidized
units within
½ m.

choose
next
graph



Building
Columbia Hts Village

Number of Unit 410

Subsidy - Fair Charitable

Start Jan 01 2014

End Jan 01 2020

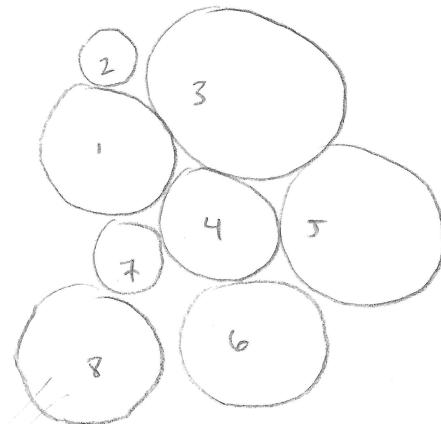
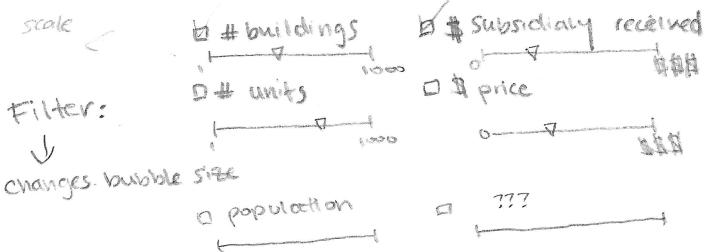
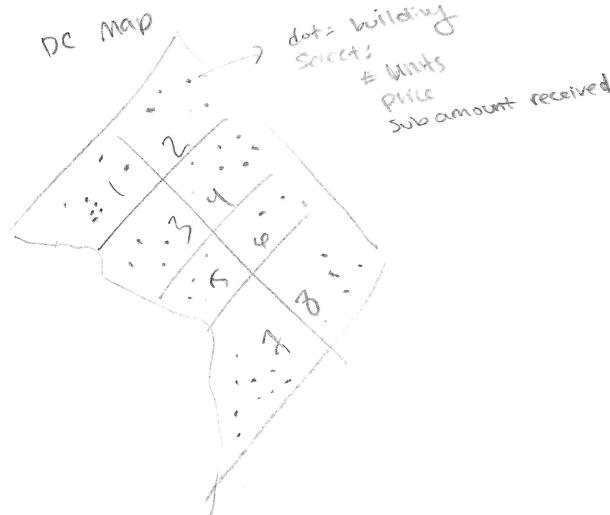
Risk 0.4 Risk Components

Market	
% Income	
Transit	

COMMENTS

possibility for
registered users
to add comments
suggest corrections
etc.

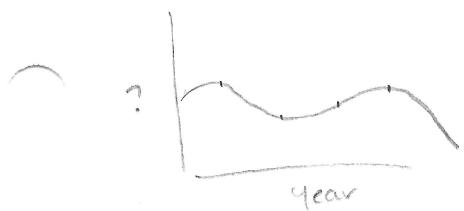
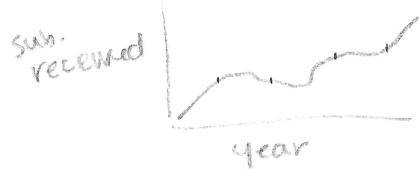
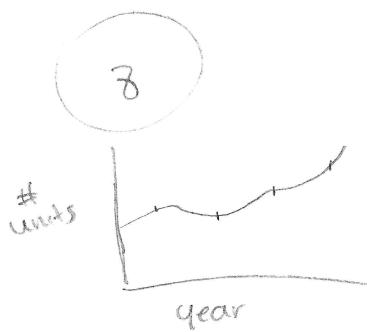
Ward breakdown



- Export visualization
- Export data

Notes
Check off filters and control scale
• 1 bubble = 1 ward
• bubble size = count

③ Neighborhood level



Data Drill Down by Ward

Say Louris

Ward ① ② ③ ④ ⑤ ⑥ ⑦ ⑧

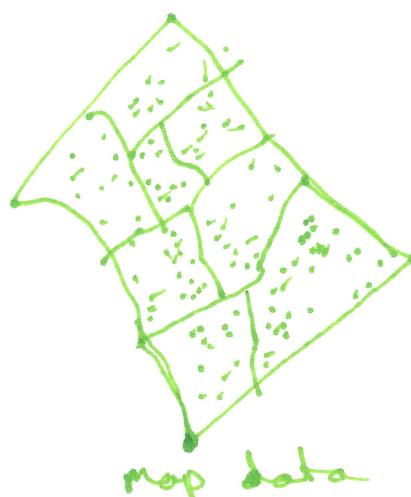
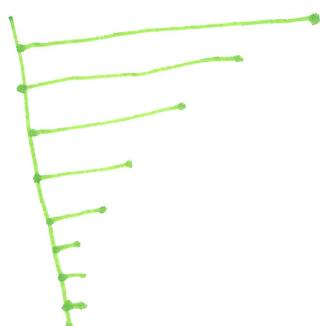
Owner Info



Market Info



Summary stats



Ward ① ② ③ ④ ⑤ ⑥ ⑦ ⑧

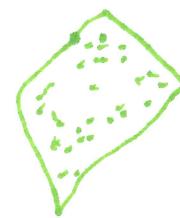
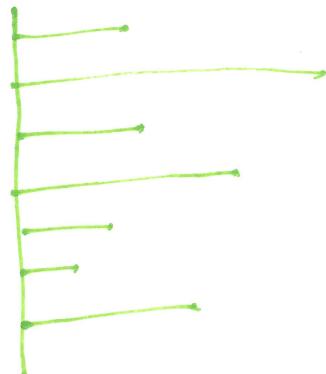
selected ward

Owner Info

controlled variables

Market Info

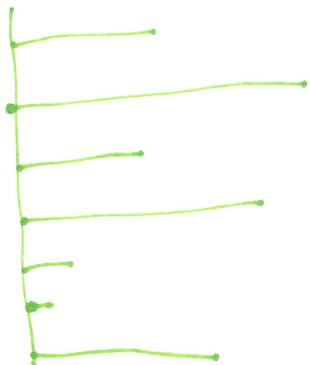
controlled variables



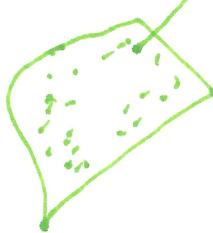
Ward ① ② ③ ④ ⑤ ⑥ ⑦ ⑧

Owner Info

Market Info



building data



Dynamic DC Housing
Bw
Graphs

Insights

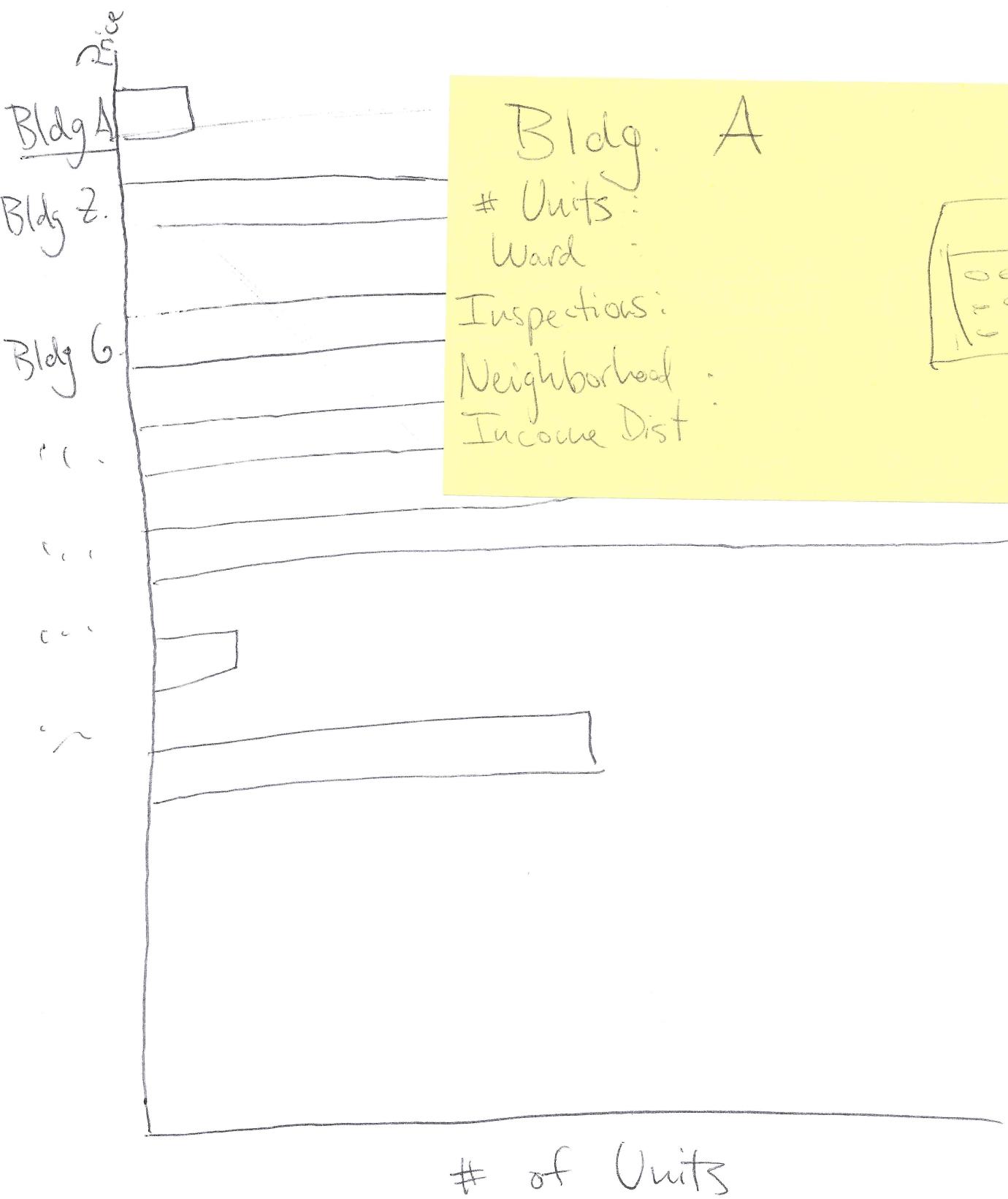
P.1

Distance to Metro

Subsidy Type

Medium Rent in Neighborhood

Trend in 5 years



Dynamic
Bar
Graphs

DC Housing Insights

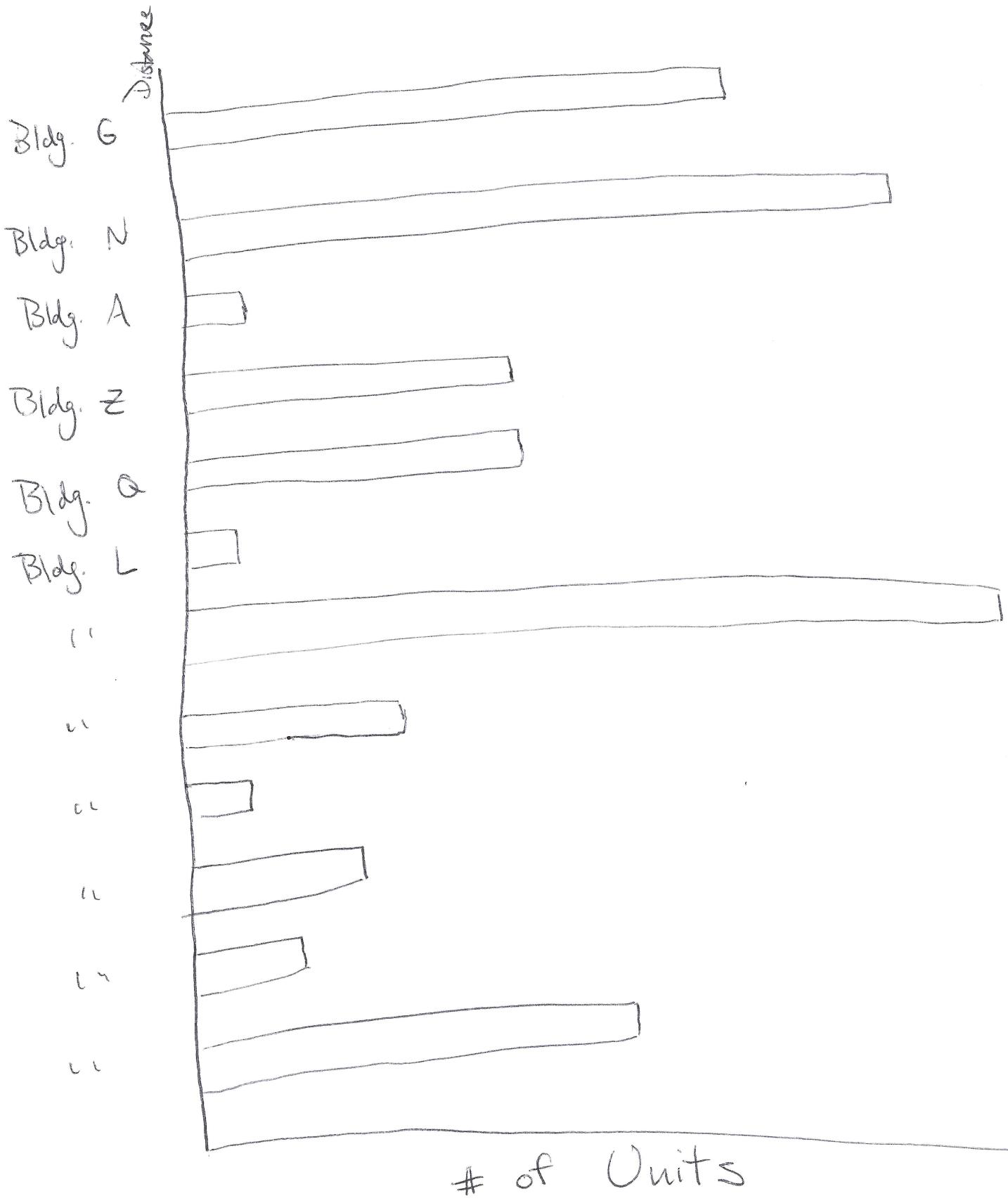
P.2

Distance to
Metro

Subsidy
Type

Median Rent
in Neighborhood

Trend in Real
Estate (5 Years)

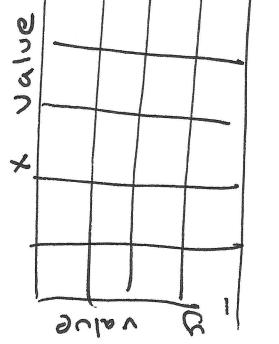
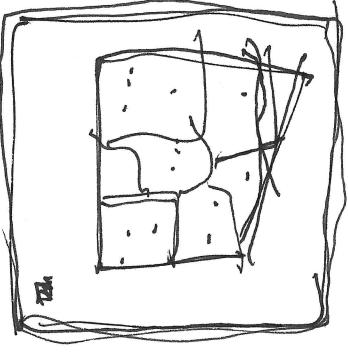


) (1)

option 1:
option 2:
data point

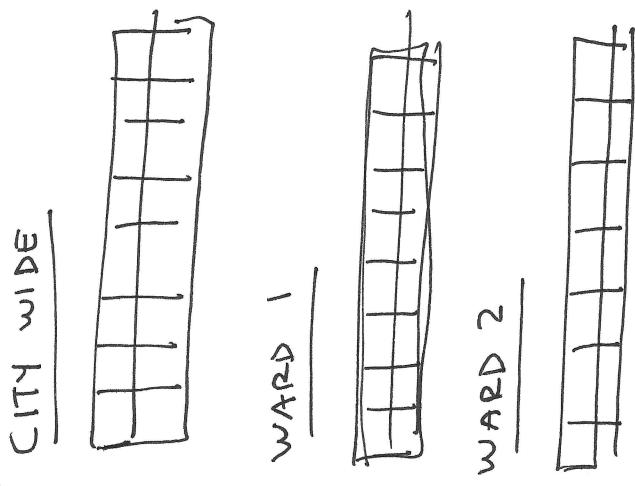
150

Pick your data set:
pick your X val:
pick Y val:
pick your agg level



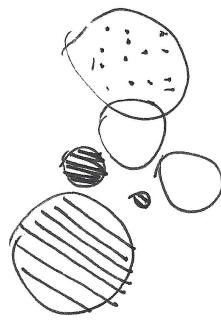
(3)

choose Ellis



(4)

Agg level: Ward ✓



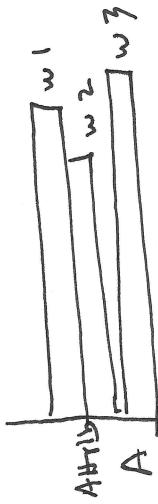
category:

$\text{---} = x$
 $\cdots = y$
 $\circ = z$

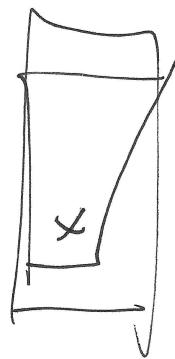
size proportionate
to [VALUE]

(5)

Bar type: ~✓



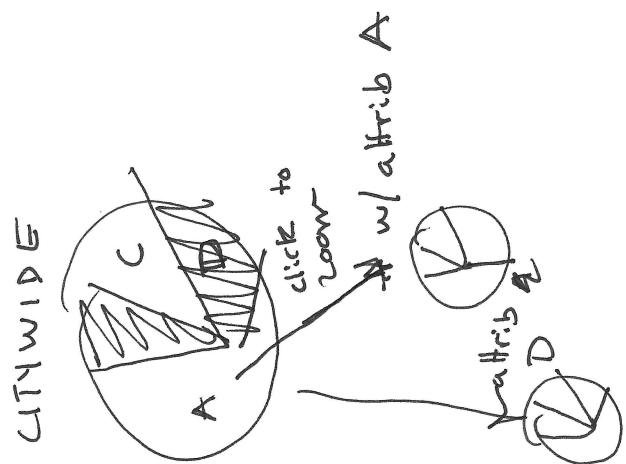
Search by address:



A Attr:

$\text{---} \approx \alpha$
 $\cdots \approx \beta$
 $\circ \approx \gamma$

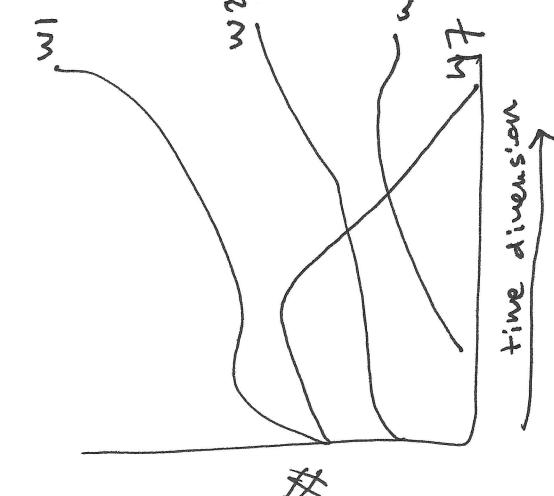
(6)



(7)

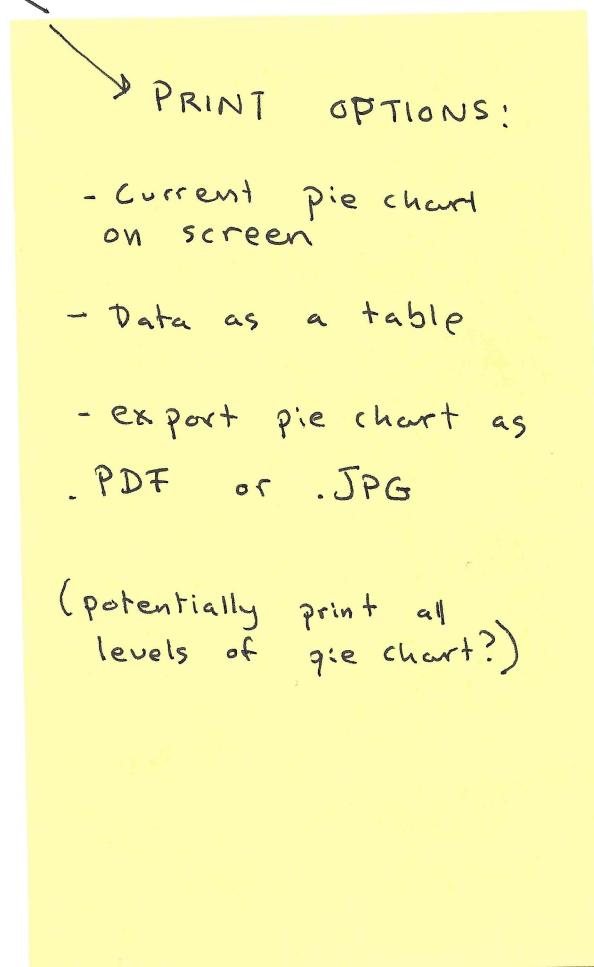
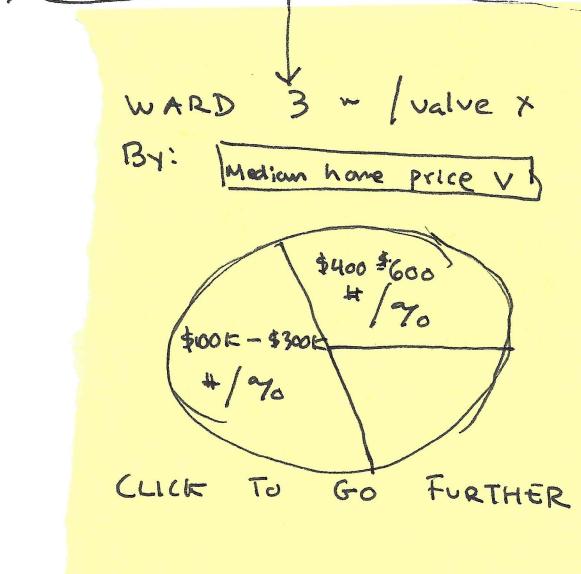
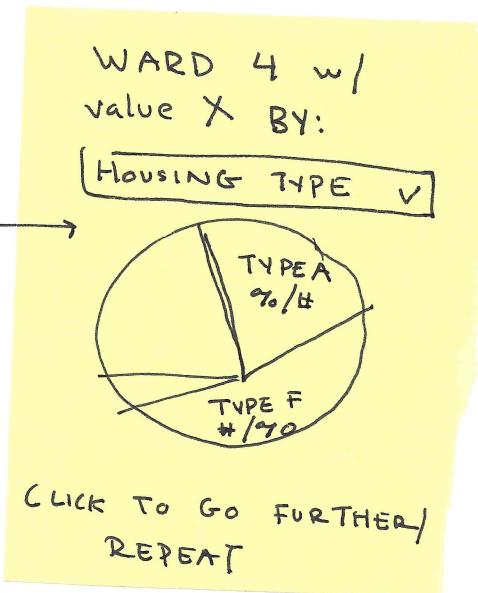
(6)

of units
with
elements over time



(7)

PICK A STARTING DATA POINT:
this is a drop down



* Page is always ONE pie chart

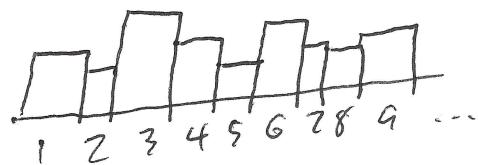
↳ or... 1 large w/ prior levels
greyed/shrunk in background

* Color schemes should change w/
each data value (as much as possible)

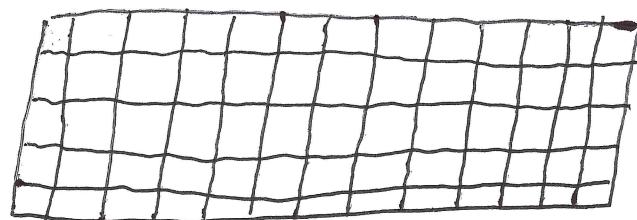
Crime in Chicago Style Building Search Tool

1. Select sorting Criteria No. of Units ▾

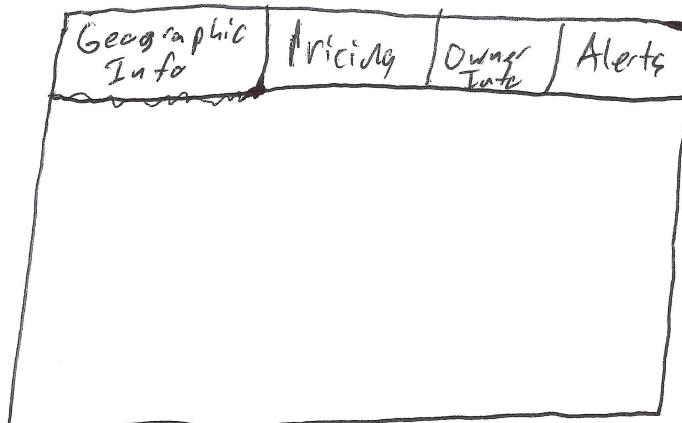
2. Select Ward



3. Select Building



4. Building Level
Data Report
Card



A simple adaptation from the Crime in Chicago tool, this model would be improved by more info on the sort of criteria that the data could support and the stakeholders want. I have not figured out a great way to sort buildings in the grid and am not sure the grid is the best representation. I like the rolodex style presentation of building data.

Qs : Is this going to allow advocates / tenants to add? Q : Is this
Q : What are
comes of
are most
useful?
(other)?

Life Vanguard
portfolio ability to
YTD, Q1... etc.

Q : Is this
slowing a run
way?

Choose ward &
then have all Wds
using size variable
or other critical
criteria? 

Maybe some
comparison of
desired?
Are there 'best practice'
or goals to compare
to?

Map up slide bar
to color of wards
based on criteria
in relevant time
period

Share of what;
been identified as
@ NSK that has
been preserved

Something w/ preservation
v. recent
characteristics

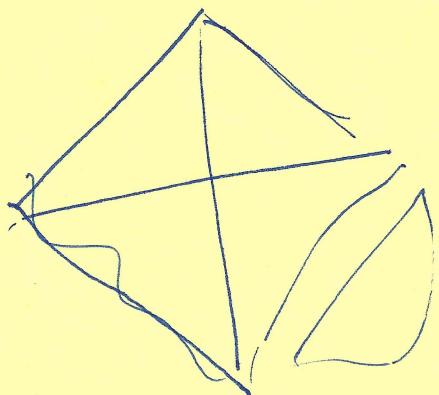
Something from
rainforest & or
communicable disease ...
what exists &
Show where 'investment'
attention is needed?

Something using
white space to
show loss over time
period

Build a report

- makes report or
maybe uniform
page?

address, neighborhood, ward



Rental units, Rent control, Subsidized, etc.

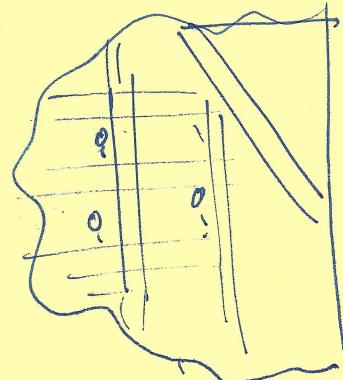
District of Columbia

Rental units: 130,000
Rent control: 60,000
Subsidized: 39,000
At risk: 10,000

① Overview page presents summary statistics of the District.

Omni-bar will take address, neighborhood or ward. Summary stats right; color-coded map left. Choose which variables to visualize

Mount Pleasant



Mount Pleasant

Rental units: 5,000
Rent control: 3,000
Subsidized: 1,500
At risk: 120

② User types in neighborhood, Mt Pleasant at neighborhood view, specific locations appear.

1900 L Street NW

Google Street View?

1900 L Street NW

Rental units: 35
Rent control: 20
Subsidized: 0
At risk: 20

MORE INFO

③ User clicks on 9 building or types in address. Gets data for that property. Can select more info for ownership, demographics, etc.

Assessed tax
vs Sale price