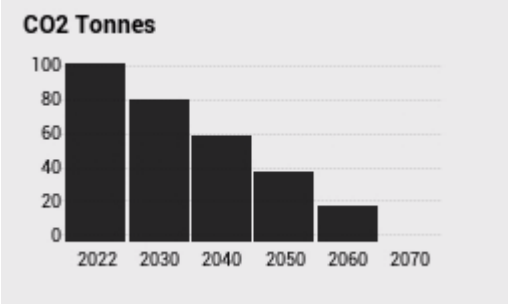
In **Files** there are 6 folders:

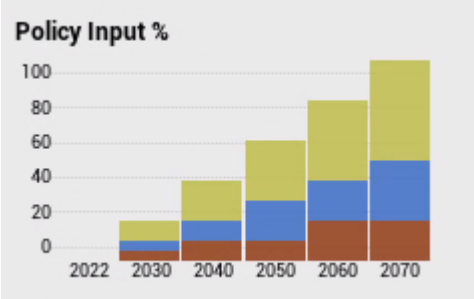
1. Carbon Graph



One file in this folder: CarbonGraph.csv

Rows - Policy Configurations (27 of them)
Columns - Years (2022, 2030, 2040, 2050, 2060, 2070)
Values are in range <0.0;1.0>
delimiter ‘ , ‘

2. InvestmentGraph



One file in this folder: InvestmentGraph.csv

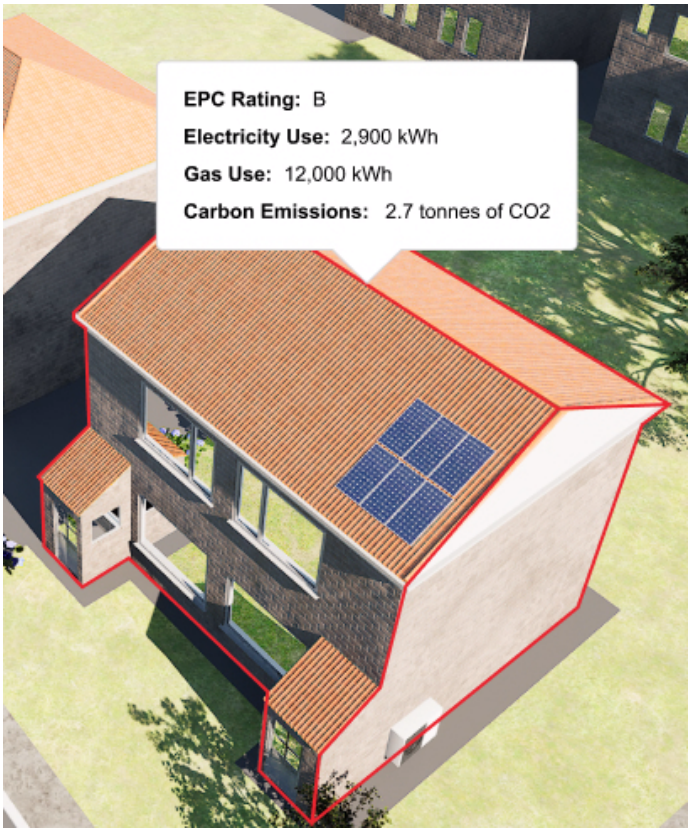
Rows - Policy Configurations (27 of them)
Columns - Year+Policy first letter (same years as above * 3 Policies : 2022T, 2022E, 2022I, 2030T… - 18 columns)
Values are in range <0.0;1.0>
delimiter ‘ , ‘

NOTE: Sum of these 3 values in one year cannot exceed 1.0 (100%)
NOTE: I made them to always add up with Carbon Emission of the same year to 1.0f, but it doesn’t need to be that way. It depends on the data you provide.

3. LocalView

Two folders in LocalView:

3a. Metrics



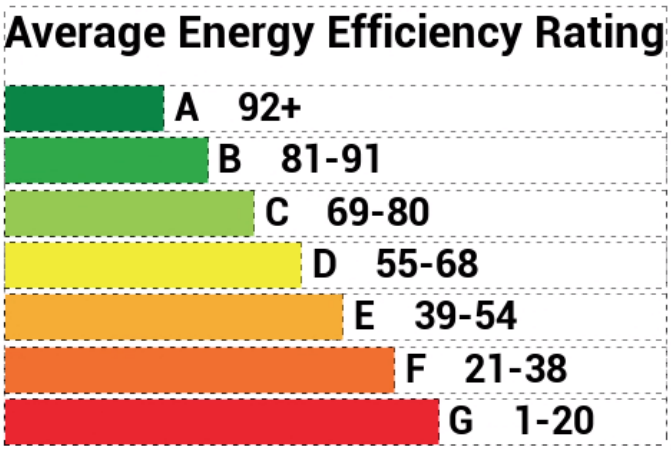
27 files, one for each policy configuration.
Name e.g. LocalView-LLL

Columns - Years 2022 - 2070
Rows - Buildings (39 of them)
Values - 4-pieces of information, separated with ‘ , ‘.

1. Energy Efficiency Rating, <0.0;1.0> (The key to convert a number to a letter is on the image below. 1.0 means 100 etc.)
2. Electricity Use - in Wh*
3. Gas Use - in Wh*
4. Carbon Emissions in tonnes.

global delimiter ‘ ; ‘

NOTE*: We should probably stay with kWh
NOTE: There is only one value everywhere in these files. Normally 1. would rise in time and with bigger policy investment and 2,3 and 4 would go lower.



3b. Technology

Four files here named LocalView-Technology.csv (Technologies : EV, HP, Insulation, Solar)

Columns: 27 Policy Configurations,
Rows: 39 buildings,
Values: Year in which selected technology mesh should be added to a building in 3D view,
delimiter ‘ , ‘

4. Manchester and 6. UK

Name of the file: MapType-Filter-PolicyConf e.g. Manchester-Solar-HLM , UK-EER-LMH

Eight folders in each, named after technology or metrics (a filter) they contain:

- EER - Energy Efficiency Rating,
- Elec - Annual Use of Electricity
- Emission - Annual Carbon Emissions
- EV - EV Charging Points
- Gas - Annual Use of Gas
- HP - Air/Ground Source Heat Pumps
- Insulation - External Wall Insulation
- Solar - Solar Panels

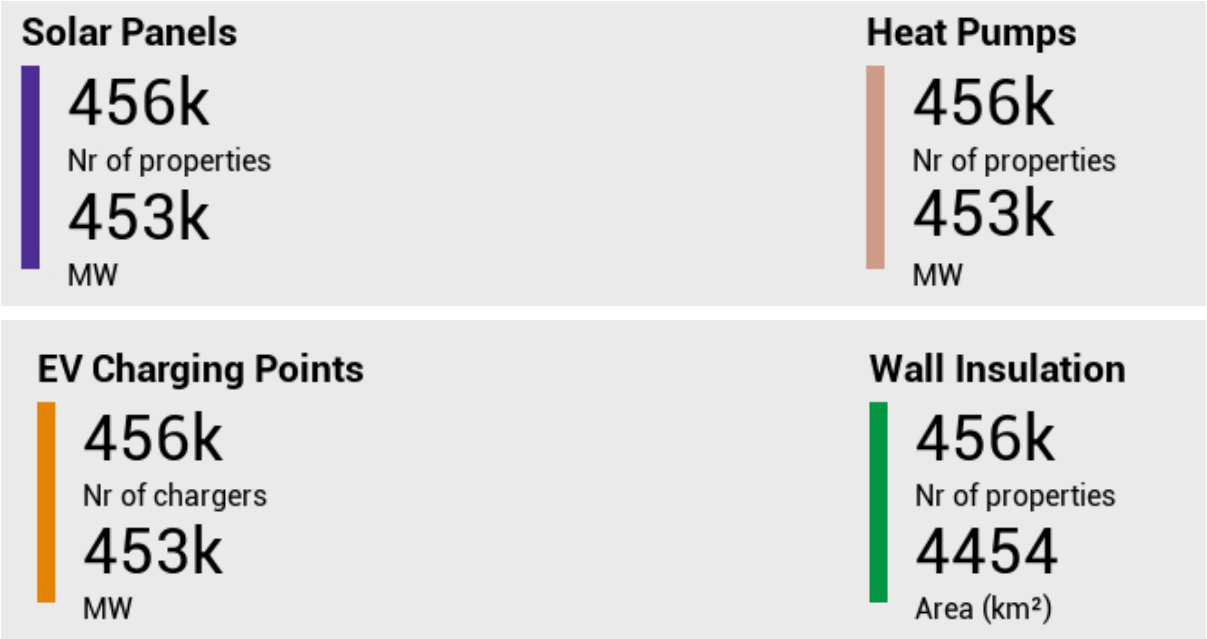
In each of these folders there are 27 files (policy configurations)

Columns: Years 2022 - 2070,
Rows: Areas (374 for UK Map, 282 for Manchester Map)
Values: All Values are in range <0,0 ; 1,0 > , and a bigger number (closer to 1,0) always means better outcome (for the world) (It’s like a % progress from the unknown starting value to the (also unknown) target value.
floating point delimiter ‘ , ‘

global delimiter ‘ ; ‘

NOTE: floating point could use ‘ . ‘ as a delimiter, and a global one could be the ‘ , ‘ then.

5. Technology



Twenty-seven files, one for each policy configuration.
Name: Technology-PolicyConfiguration.csv

Columns: Years 2022-2070
Rows: Solar1 , Solar2, HP1, HP2, EV1, EV2, Insulation1, Insulation2
Values - a value to be displayed in a corresponding textbox (image above):

Solar1 is the information located higher in the picture - in here Nr of properties (456k)
Solar2 is the one located lower - MW (453k).

delimiter ‘ , ‘

GLOBAL NOTE: In case of changing delims or units, adding or removing columns/rows , - please let me know about every change you made, so I could adjust the code that reads CSV.
GLOBAL NOTE: I accidentally started with 2020 in most sample data.