

FILTER

Mong notries to quantify solar usage (e.g. total capacity, capacity wer household, % of households with solar).

These can be different options for the some plot I map.

GROUP

- · Almost all ideas coald be visualized over-time, either as a channel or with intersectants
- · Map of solar capacity and map of major what locations could be combined (Maybe too dense?)

COMBINE + REFINE

- · Focus on solar in Australia
- · Focus on schoo, not renewables in yourself
 - Durde into
 - · Where (Map of large solv pluts, household usage, attempt to explain)
 - · When (cumulative / monthly time gives, etc.)

QUESTION

How have Austrations adopted solor power in the last 20 years?

V State: Victoria V % dwellings with solar





0-10 %
10-20 4
20-30 %
20-30 %

OPERATIONS

- · Hover:
 Highlights corresponder voint/swarb
 Displays tookip with more Inumber
- · Dropdours:

 Soled state to show

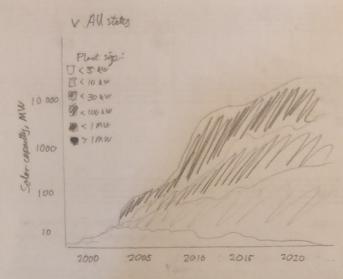
 Soled data to show
- Legend: Legend/colours should between visualistis

FOCUS

- That compled plots help exception to the reider why a value is what is is e.g. is a subub shadol dark hereise lot of solar or small sample size?
- · (olours are consistent and suit toric (worm, surry colours)

DISCLOSION

- · Need to work out how to effectively annotate.
- · Is two side-by-side too space inefficient? Would Tocked vertically be better?
- · Consoned that capital attes will be hard to view in map: too dange
- · Potential solution to above issues: Guided tour, gives control and paris/ yours may automatically.





OPERATIONS

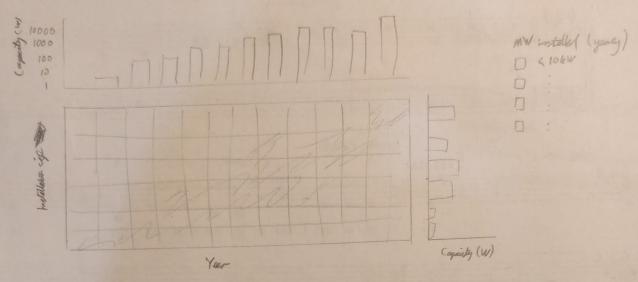
- · Toolajo shows more info about data usint, hopefully on both plots
- · Dropdown sorts dolar by state
- · (Maybe) togglete switch believen linear/log y-accis

FOCUS

- Top plot has interesting info, vottom plot puts data into context for Australia Istate
- " Top plot will hopefully show presence of diffract plant sizes in diffamit stockes our since

DISCUSSION

- · What is more sutile: stacked the area or stacked bar?
- · Log y-exis will be required to seek any early data, but may not make the exponental growth obvious
- · Atternative bottomplet: Average instellation size US. time
- · Total alteretie: your Heatmap. Plant size and states on ones. Mongial nistagnous.



OPERATIONS

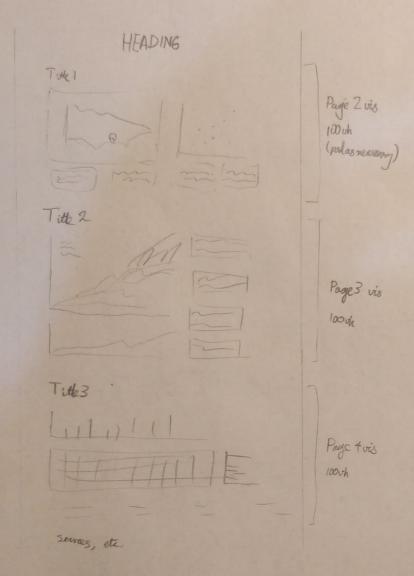
- · Toolty on heating and histogram shows more info
- · (Maybe) option to topk log y-axis/se-axis

FOCUS

- "Will hopsefully show to to of interesting trans in one vorwhide, including:
- · Ineserve in yearly installates
- apacity of installetor signs
- · luneage in any istall sign

DISCUSSION

- · Need to define (differentiate installation size us caspande)
- not too complicated!
- · Unable to show mortally voristing without having very many hestry spires
 - · Solutam: replace heatmap with discrete points in XY scatter 2



FOCUS + OPERATION

Indiaded visitesotors as degited in pages 2-4.

Add anutation occiding / rights often

· Hovering mouse over anotation highlights relevant data pointles)

ALGORITMS

- · Data is smaller than lust time, so will try to agregate on front and this time just for simplicity.

 18 that field, you compute into new CSV
- · Not much else

ESTIMATES

Costs: None Hordwar repud: Computer Timeline:

W8 W9 MB WD WII WE
Plaing 15%
Viscoladay
Anothernsole.
Layort
Report

DEPENDENCIES

- · Website written in Typesingt React
- · Vega-lite for vlots / maps