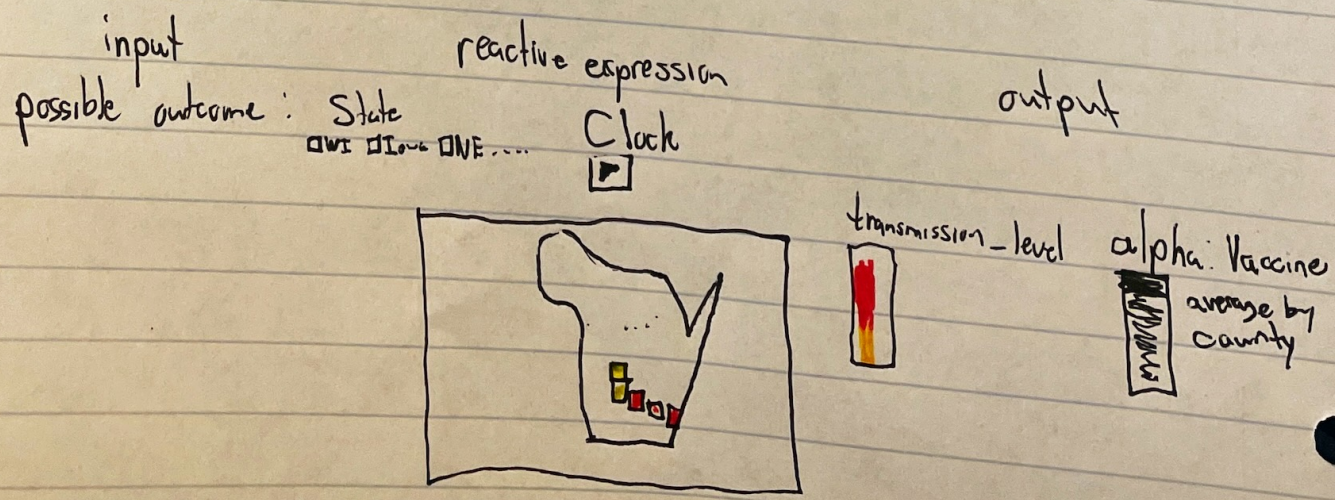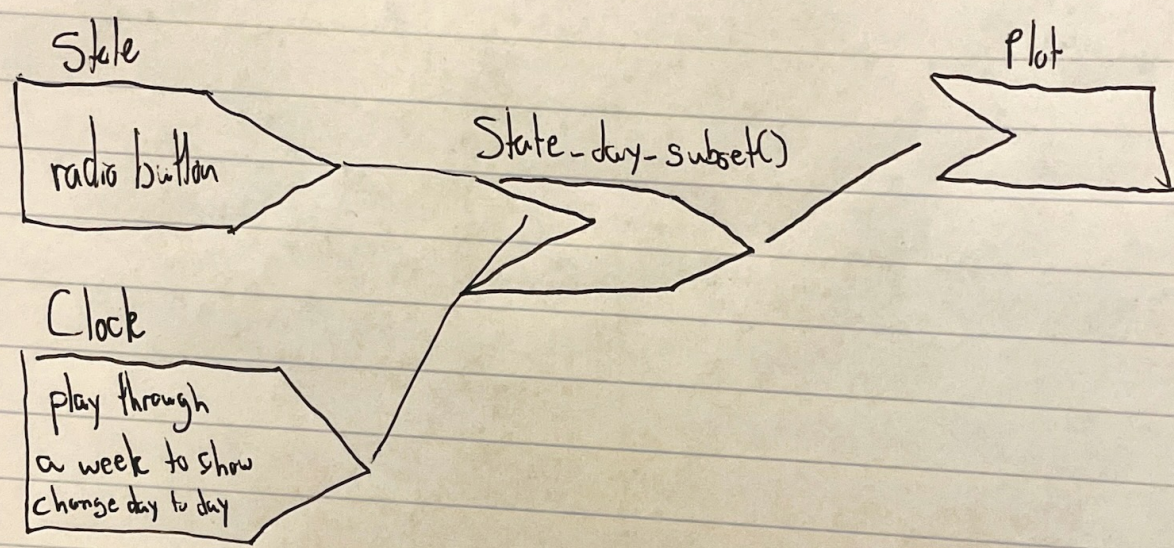1. Create a map of our data and have county shaded by transmission rates and then have a range of alpha for county to be the average number of vaccines

2. We'd create a radio button to select a state since it would be hard to distinguish county to county on a map of the entire Midwest.

Possible map reactivity map

State

radio button

State-day-subset()

Plot

Clock

play through a week to show change day to day

input

reactive expression

output

possible outcome: State
☐WI ☐Iowa ☐NE....

Clock
▶

transmission-level

alpha: Vaccine average by county

1. Using the categorical transmission rate and metro status, to create a ridge plot with the data faceted to metro and non-metro.

2. Obviously not all counties would be legible so we'd have to create a subset to an individual state to fit the counties.

State

| radio button |

State_subset()

Plot

input

reactive expression

output

State

■WI □MO...

Possible Output:

Milwaukee

Pane

Rhinelander

Metro

Non-Metro

Date