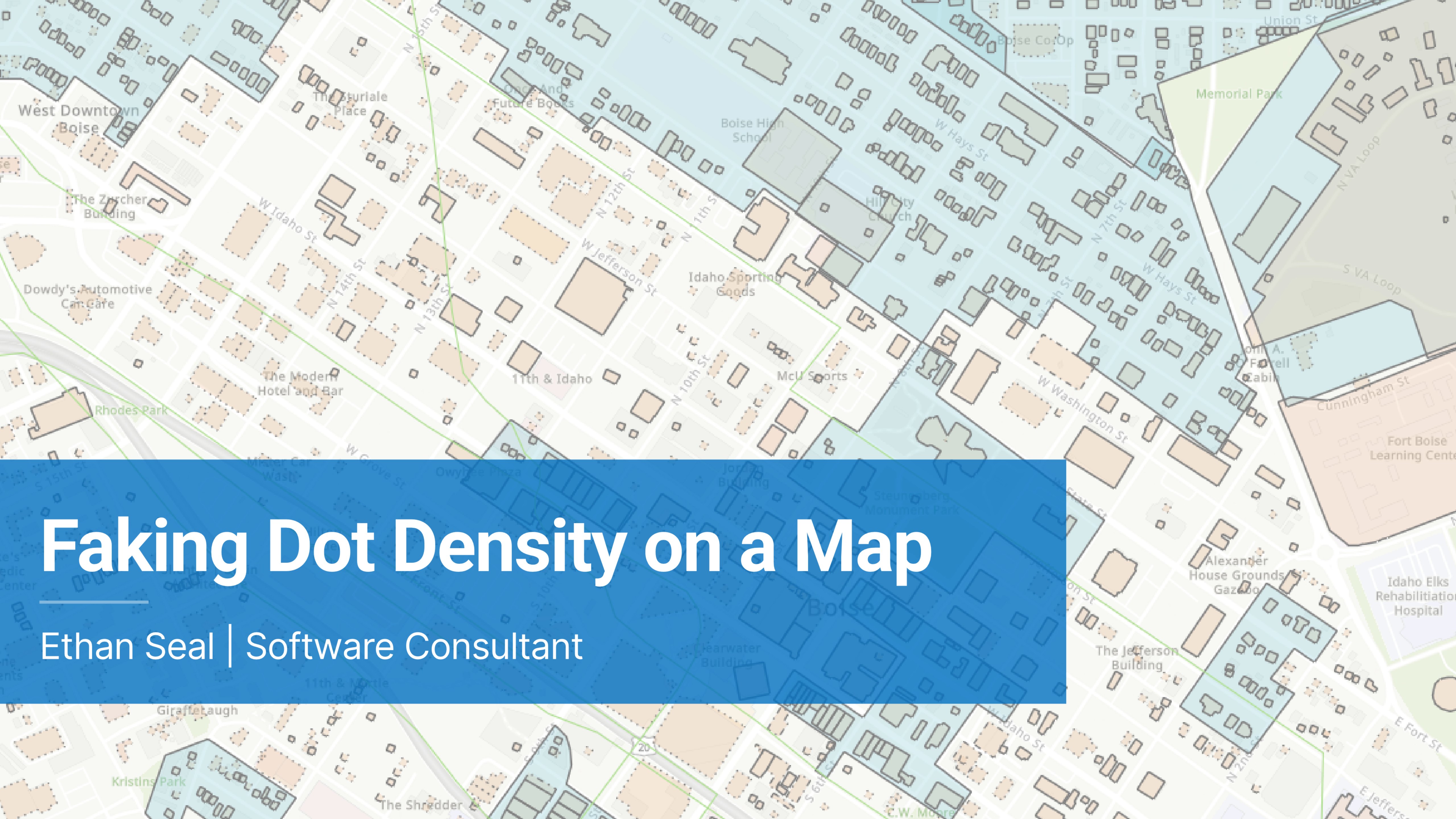




Faking Dot Density on a Map

Ethan Seal | Software Consultant

Me & Idaho History

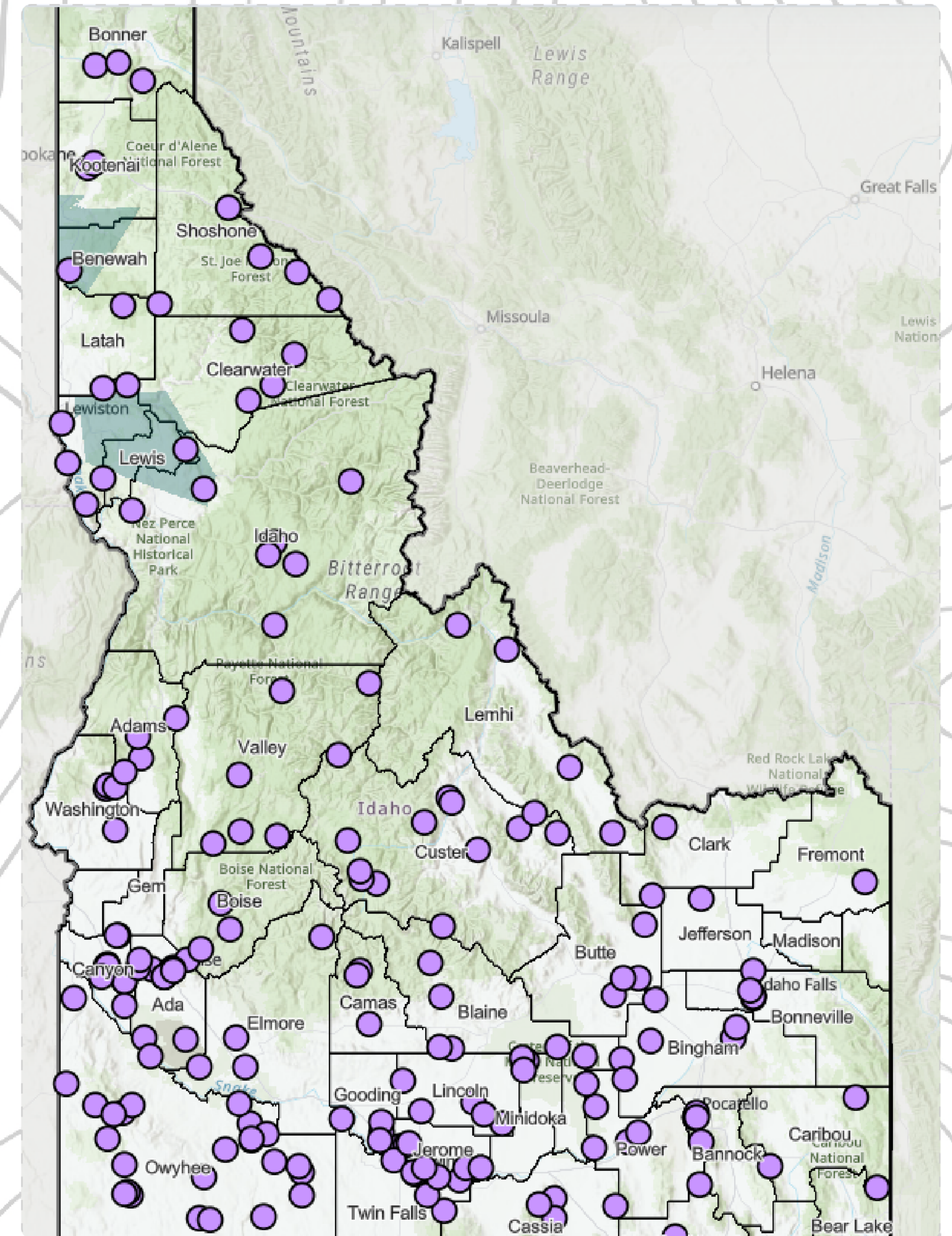


Ethan Seal

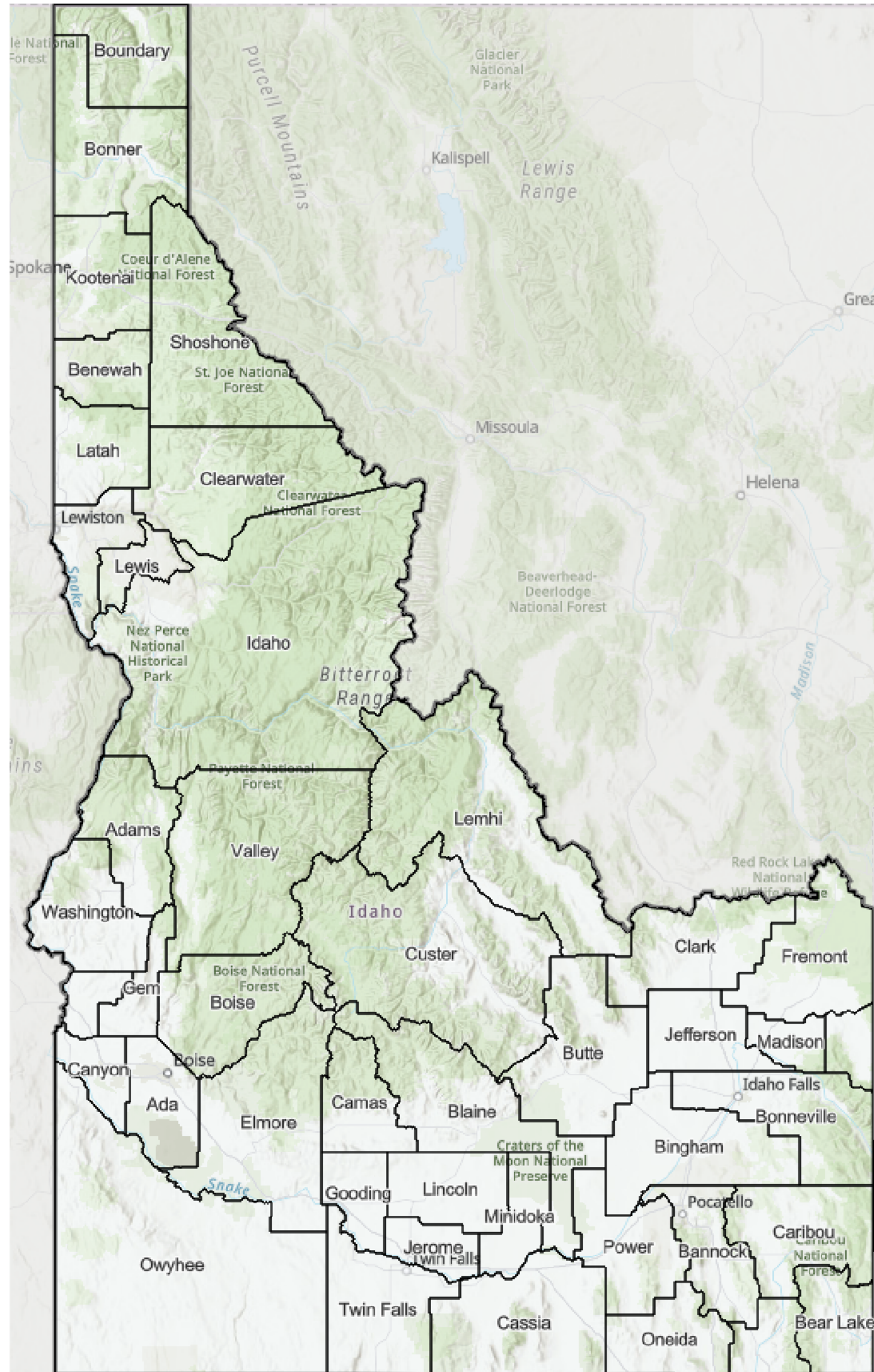
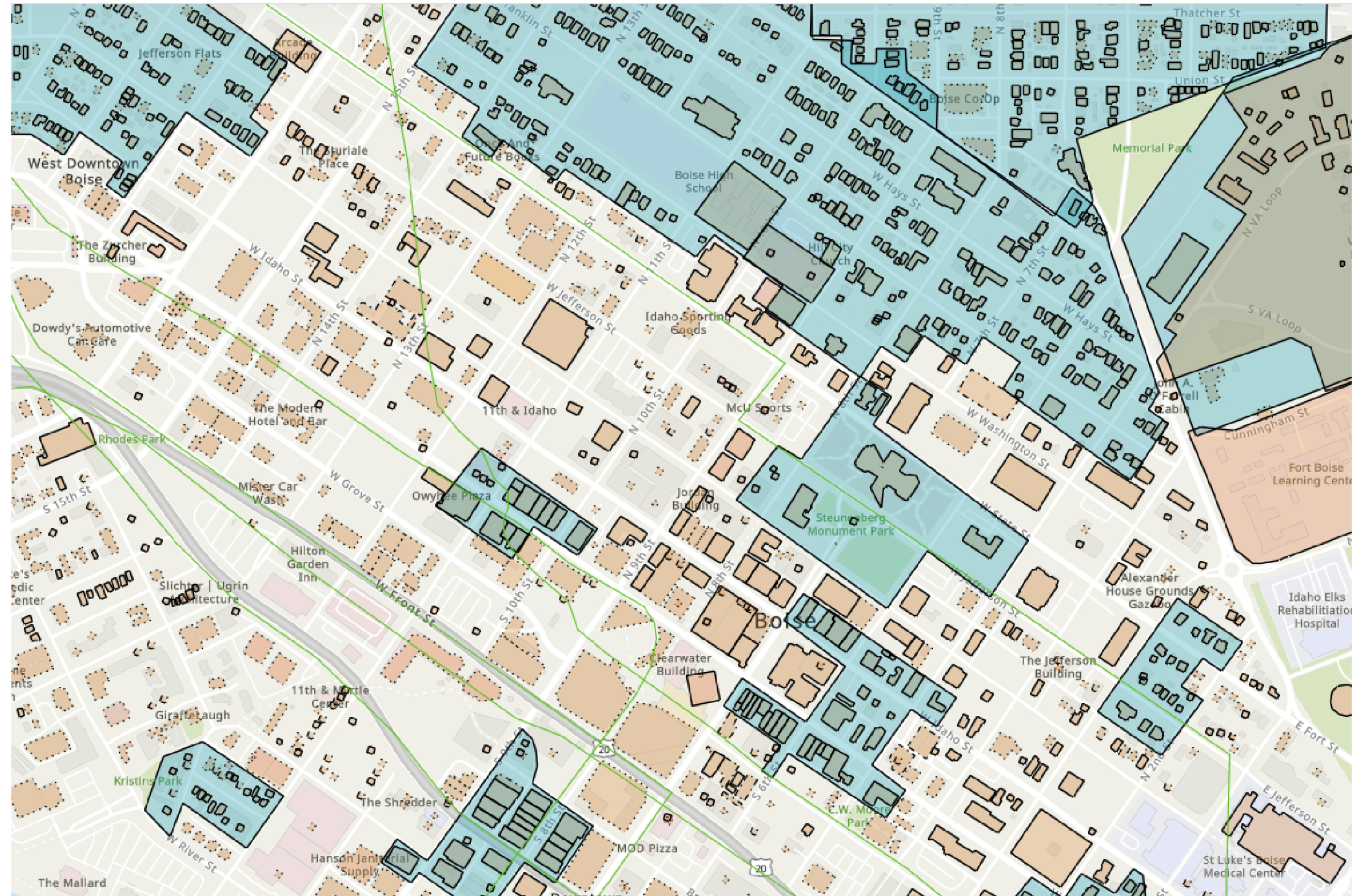
Interested primarily in backend/database,
does full-stack

ethan.seal@respec.com

Helping Idaho maintain a record of and do research on
all historical structures and archaeological sites in Idaho

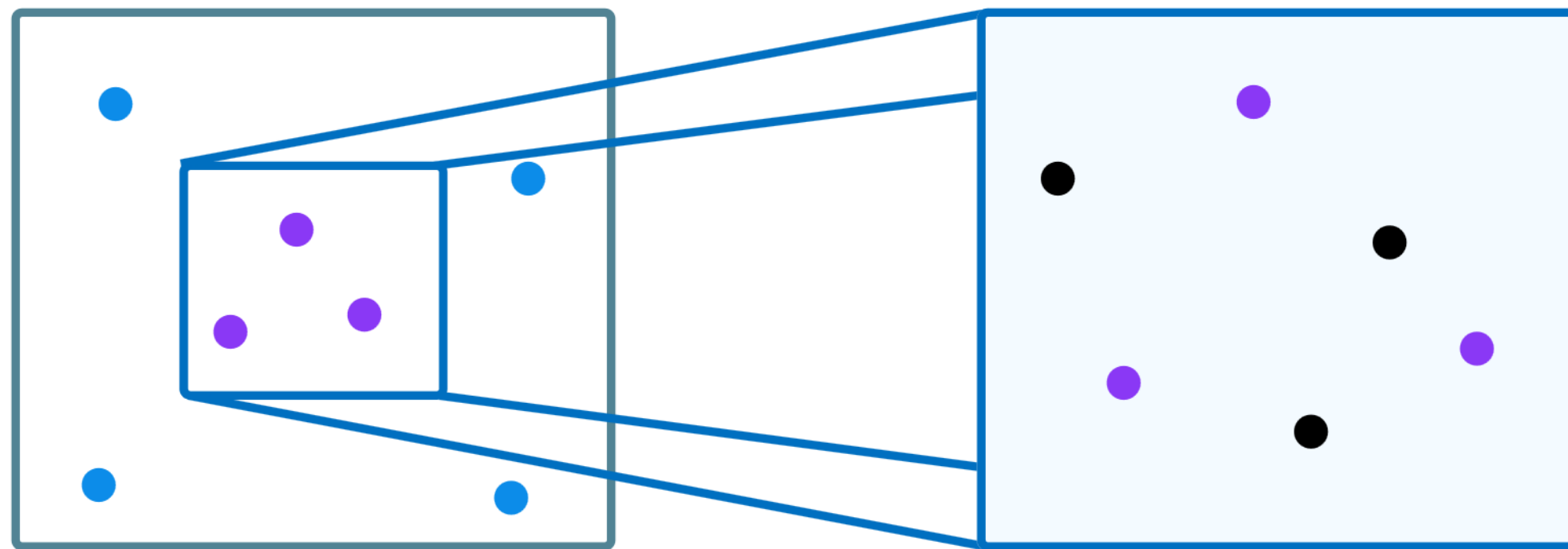


Search & the Problem

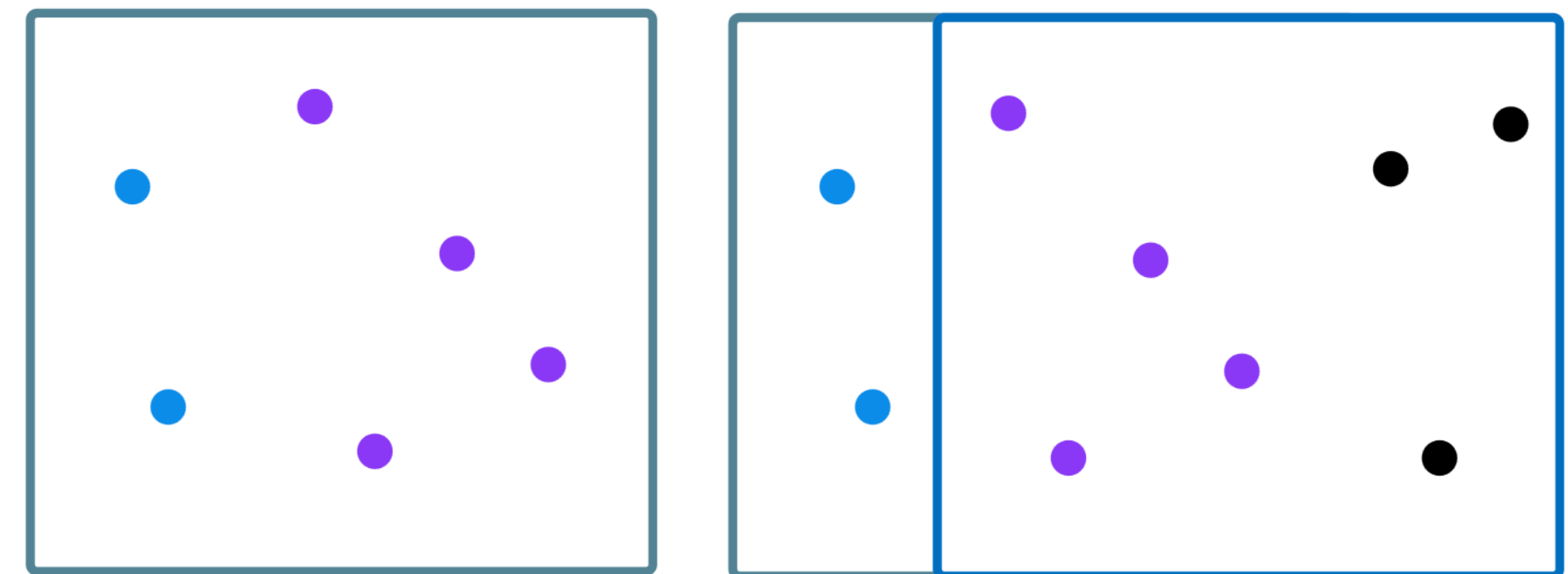


Figuring out what to build

Keep all dots when zooming in

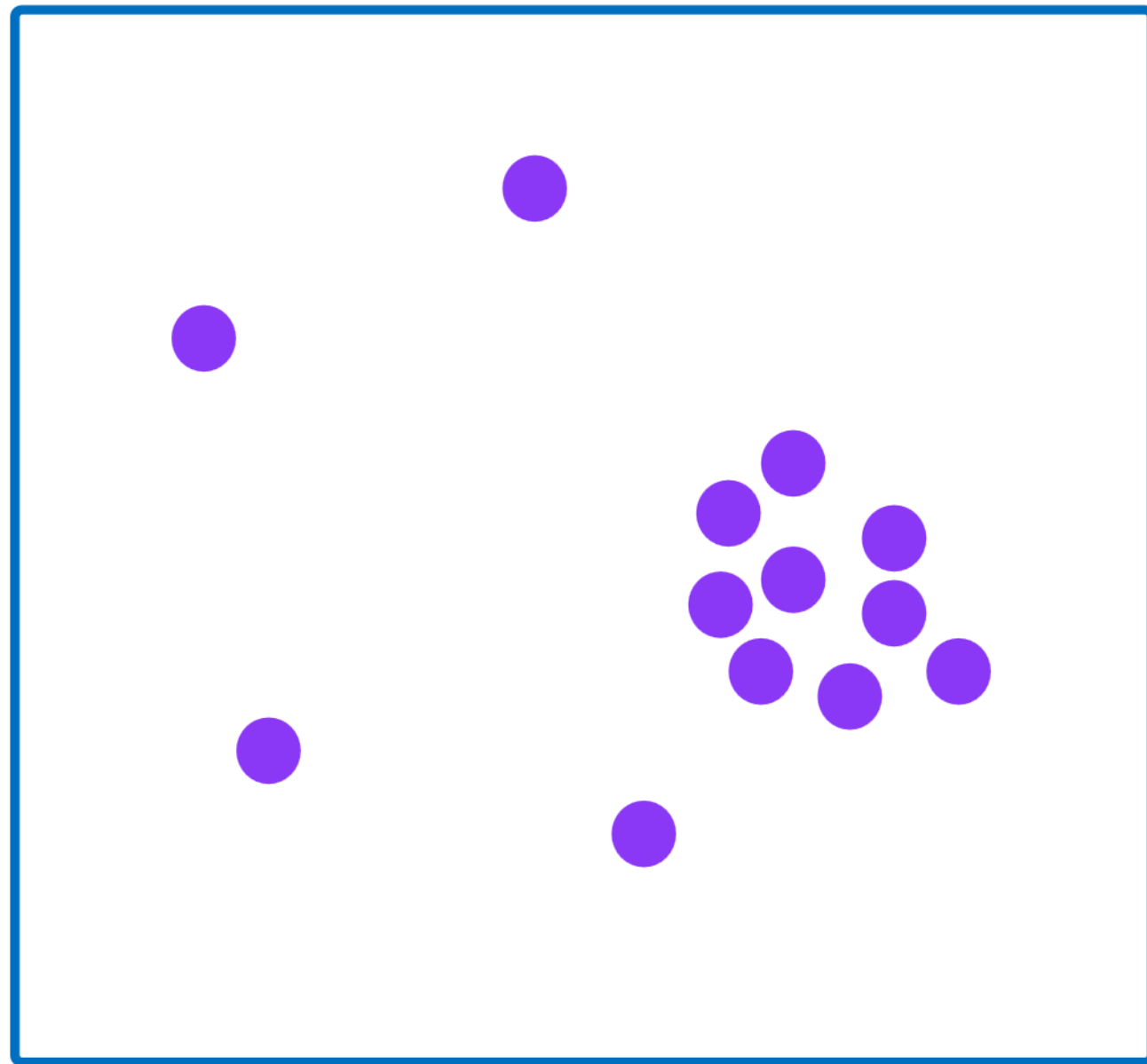
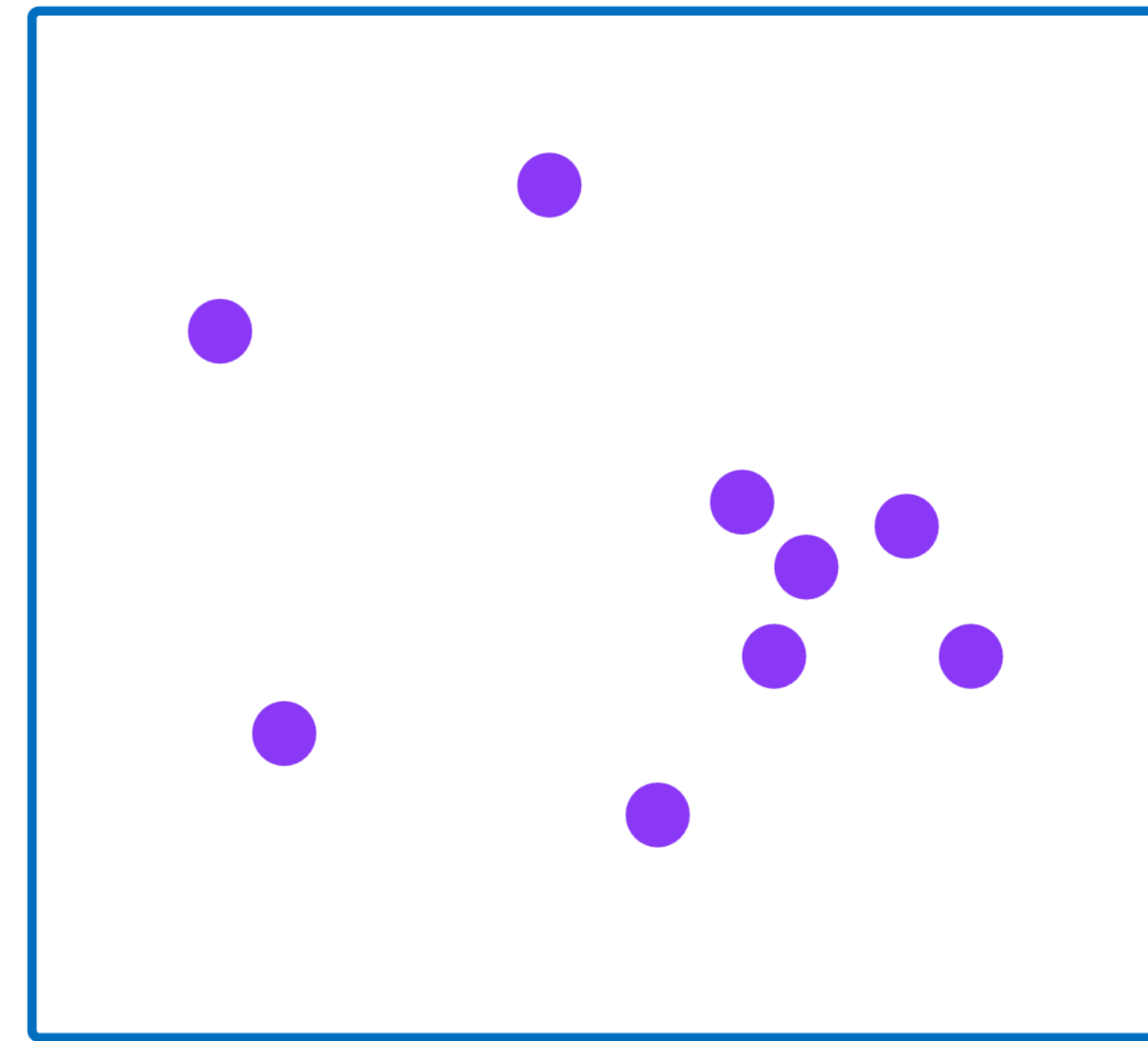


Keep dots when panning



Figuring out what to build

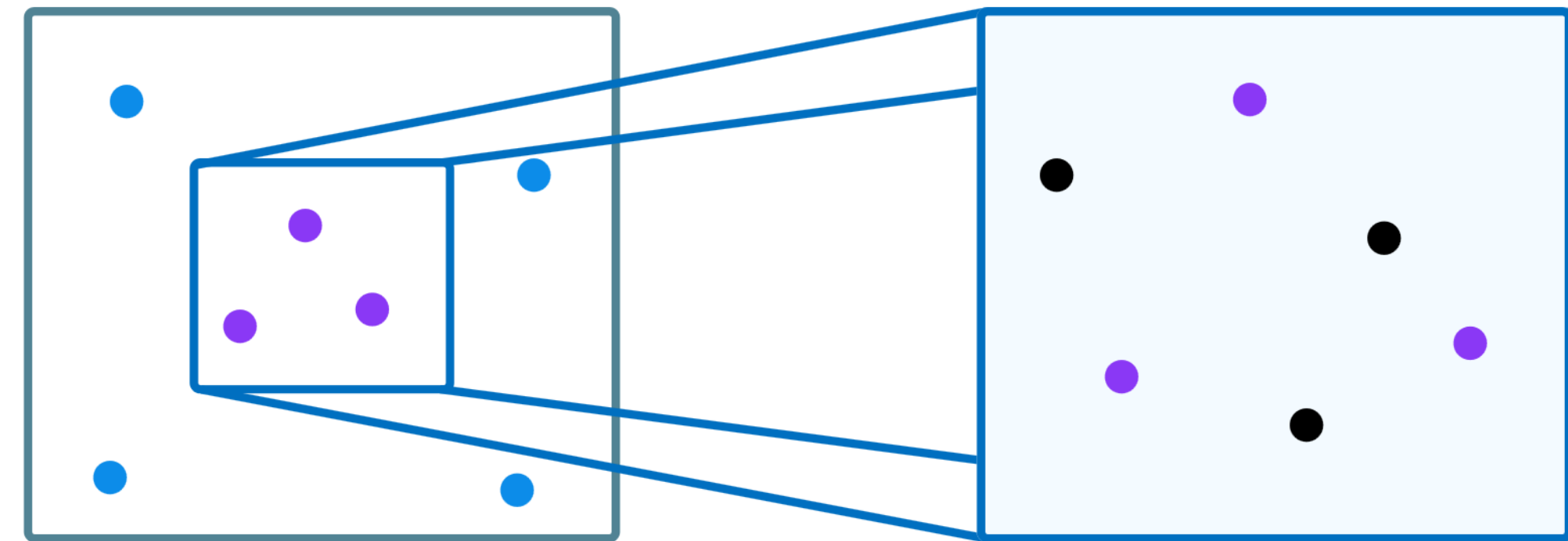
Indicate Density and Distribution



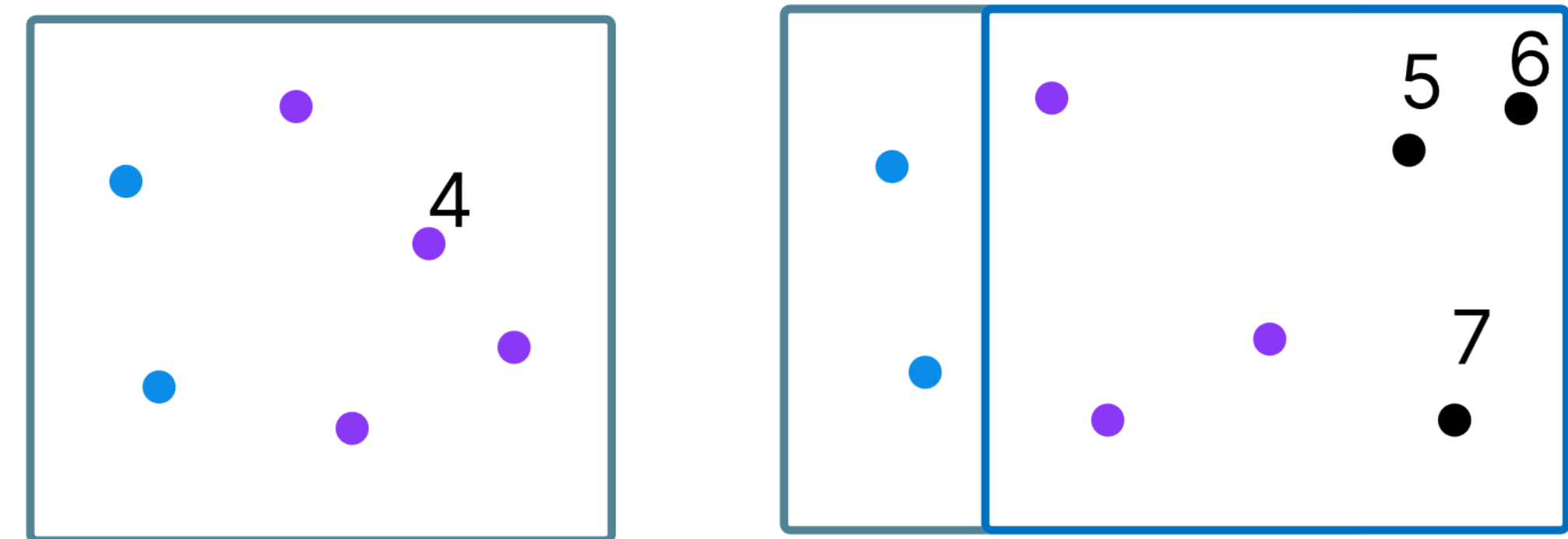
Randomness

```
select point  
from resource_gis  
order by rand desc  
limit $1
```

Zoom fits our criteria



Panning does not



Fixing Panning

Tiling!

