# Data Science for Everyone – Grammar of Graphics Extra Stuff

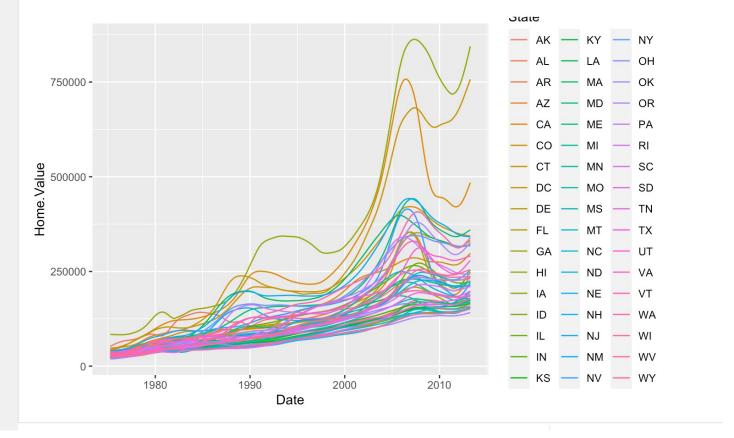
Dr. Ab Mosca (they/them)

## Plan for Today

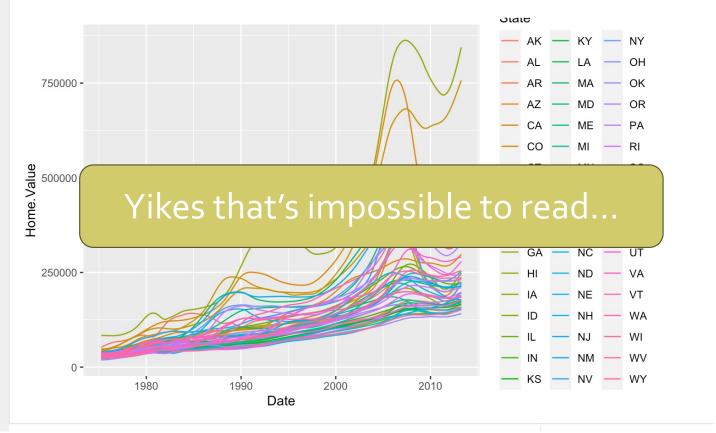
- Look at faceting
- Practice using ggplot

- Faceting is ggplot2 parlance for small multiples
- The idea is to create separate graphs for subsets of data
- ggplot2 offers two functions for creating small multiples:
  - facet\_wrap(): define subsets as the levels of a single grouping variable
  - facet\_grid(): define subsets as the crossing of two grouping variables
- Facilitates comparison among plots, not just of geoms within a plot

• Example: what is the trend in housing prices in each state?



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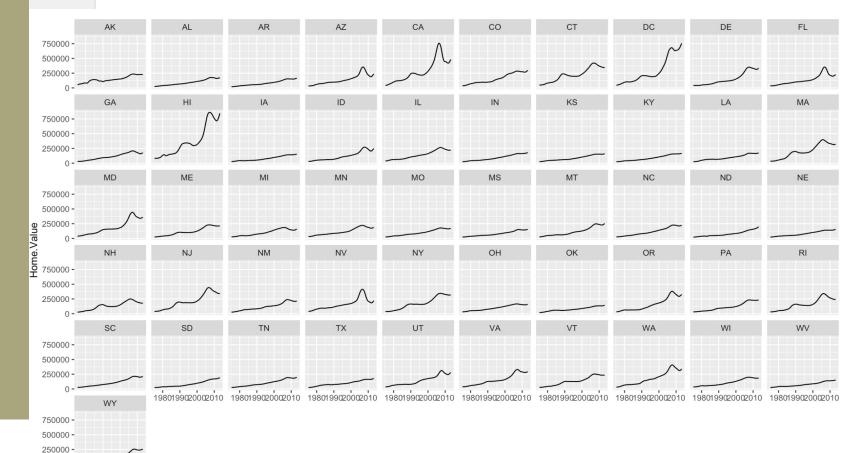
```
360 * ``` {r}

361  p5 + geom_line() +

362  facet_wrap(~State, ncol = 10)

363 * ```
```

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#### Try it out!

- Download ggplots Lab from the Labs tab of the course website
- Work through the lab with 1-2 other people
- Let me know when you have questions ©